

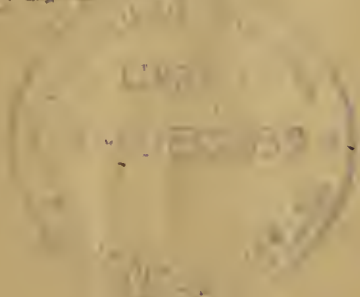
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MINISTRY OF PUBLIC HEALTH, EGYPT.

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## Ophthalmic Hospitals Section

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# Twenty-fifth Annual Report of the Ophthalmic Hospital Section for 1937

**Al-Ettemad Press, Abdine, Cairo, 1939.**

Government Publications are on sale at the "Sale Room," Ministry of Finance. Correspondence relating to these Publications should be addressed to the "Publications Office," Government Press, Buleg, Cairo.

Price - - - - - P.T. 10



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# TWENTY FIFTH ANNUAL REPORT

## of THE OPHTHALMIC HOSPITALS SECTION

for 1937

### FOREWORD

#### New Units

During this year for ophthalmic branches were opened in the General Hospitals at Kafr el Dawar (Behera), Samannoud (Gharbia), Dishna (Qena) El Badari (Assiut) and No. 13 T.O.H. (Beni Suef). Thus the number of the ophthalmic units reached 78 (of which 63 are permanent and 15 travelling).

This number shows an increase of five units over that of 1936, and 55 units over that of 1923. They are shown in detail in table No. 22.

#### (1) Project under consideration

- a. Ophthalmic Hospital at Kafr El Sheikh.  
Building expected to be completed in 1937-1938.
- b. Ophthalmic Hospital at Khalifa Quarter (Cairo).  
The construction of this unit will be completed in the near future.

#### (2) Enlargement of Ophthalmic Hospitals.

The enlargement of Fayoum Ophthalmic Hospital has been completed, the available beds reached 51.

### PROJECTS PROPOSED IN THE BUDGET 1938-1939

#### (1) New Ophthalmic Branches in the General Hospitals.

Among the proposals in the budget of 1938 - 1939 ophthalmic is proposed in 2 new ophthalmic branches in the present General Hospitals.

#### (2) Ophthalmic Clinics in the Primary Government Schools.

Among the proposals in the budget of 1938 - 1939, two ophthalmic clinics are proposed for the Primary Government Schools at Cairo and Alexandria.

#### (3) Enlargement of Ophthalmic Hospitals.

The number of patients attending the ophthalmic hospitals being so large that the inpatients sections have become inadequate to accomodate the largest number of the attending patients, whose condition necessitates special care. The Ministry has decided to enlarge these hospitals gradually whenever the budget permits.

It was requested in the proposals of the Budget of 1938 - 1939 to increase some more beds in the ophthalmic branches, where there is adequate - so that it could be possible to admit more in-patients.



## CLINICAL WORK

The following table shows the clinical work done in the year 1937 as compared with that of 1936.

	1936	1937	Increase in 1937
New patients . . . . .	1133599	1213781	7 %
In-patients . . . . .	35246	38042	8 %
Operations . . . . .	344661	351136	2 %
Out patients attendance . . . .	7741226	7891461	2 %

## BLINDNESS

The number of patients who were found to be blind in one or both eyes, excluding cataract cases causing blindness, was 68613 or 5.5 of all patients examined at the Ophthalmic Hospitals. By adding the cataract cases causing blindness, the percentage becomes 5.8 %.

The pathological causes of blindness are detailed in table no. XI where it is shown that acute ophthalmias form 80 % of all causes. The gonococcus is still the predominant factor of infection with acute ophthalmias-its percentage to total of microbes being 40 %.

## AGE OF PATIENTS

Out of 1213781 new patients treated, 78598 or 6.4 % were under the age of one year 348702 or 28.7 % from one to 15 years of age- 333054 or 27.4 % from 15 to 30 years of age; and 681756 or 56.1 % from one to 30 years of age. This fact shows that the mass of people recognises the importance of seeking ophthalmic treatment for infants, children and youths.

## SCHOOL CLINICS

Ophthalmic examination, inspection and treatment are, at present, carried out in 38 Primary Government Schools. Details of ophthalmic work in schools are given in a special section at the end of this report.

12075 pupils were examined, of whom 99 % were found to be suffering from trachoma in its various stages. About 41% of these were in the serious stages of the disease (trachoma I & II). As a result of ophthalmic treatment the latter percentage fell to 19 %.

In this connection it is to be noted that in Government schools, the most correct percentage, of the prevalence of trachoma among school pupils, can be obtained.

This is due to the fact that the examination and treatment are carried out in such schools regularly and permanently on pupils who are under the supervision of treating doctors.

pupils of 64 other primary schools and Kuttabs belonging to the Provincial Councils in Markazes (Districts) where permanent or travelling ophthalmic hospitals exist received ophthalmic treatment at hospitals. 7948 pupils were examined. Minor Operations were operated upon to 1748 pupils, while 31 Major operations were operated to others and 127 spectacles were prescribed.



## EXPENDITURE

The annual cost of maintenance during the year 1937 including the cost of administration and expense of ophthalmic clinics in Primary Schools amounted to L.E. 102705 as shown in the detailed tables appended to this report which are significant of proper economical management. The expense per day for the out-patient was 13. M/M. The in-patient costs in addition 22 m/m daily for food. The source of provision of all ophthalmic units are shown in table XXII.

## ACCOMMODATION

The number of beds reached 1747 i.e. there is an increase of 178 beds over last year.

## POST-GRADUATE COURSE OF OPHTHALMOLOGY

During April 1937 the number of Medical Officers who have undergone post-graduate teaching in ophthalmology was 39, of these 6 were inspected in the preliminary clinical course and 4 of them passed, 17 were inspected in the final clinical course and 11 of them passed.

During October their number was 29 of whom 17 were inspected in the preliminary course and 8 of them passed 8 were inspected in the final clinical course and 7 of them passed. Those who failed for the second time were transferred to other branches of the Ministry.

---

### INTERESTING CASES RECORDED

A monthly list of interesting cases seen at the various units of the Section is drawn up. About 590 cases have been recorded as interesting during 1937. The following list shows some such cases that are not frequently seen in every day's work in Egypt :

1. Traumatic cataract & subluxation of lens.
2. Buphthalmos .
3. R. & L. Post neuritic optic atrophy.
4. R. Perivasculitis (probably of tuberculous origin)
5. Embolism of central artery of retina & retinal haemorrhage.
6. Round Cell sarcoma in the region of the lt. lachrimal sac.
7. R. Optic neuritis ? pregnancy toxæmia.
8. L. Congenital coloboma of iris.
9. L. Total detachment of retina (traumatic)
10. R. Facial Paralysis, rheumatic in a specific patient.
11. Primary optic atrophy Tabes dorsales.
12. L. Congenital opaque nerve fibres.
13. Syphilitic ulcer of the lid. positive (+)
14. L. Microcornea & congenital coloboma of iris.
15. Orbital cellulitis & post neuritic optic atrophy.
16. Polypoid angiomatous granuloma of conjunctiva.
17. Choroiditis disseminata.
18. Melanotic sarcoma of L. lid,
19. Epithelial hyperplasia of R. Cornea simulating epithelioma.
20. T. B. ulceration of lid (pt. had pulmonary tuberculosis).
21. R. and L. Optic atrophy secondary to papilloedema due to hydrocephalus.
22. Retention cyst of a pseudo gland at limbus.
23. R. Persistent pupillary membrane.
24. R. Retinitis Albuminurica.
25. Capillary angioma of eyelid.
26. High Myopia & choroidal atrophy, & detached retina after L. Cat. Ext.
27. Spring catarrh palpebral and bulbar.
28. Epithelioma of lid.
29. Retinitis pigmentosa.
30. R. & L. Microcornea & persistent pupillary membrane and coloboma of the choroid.
31. Hyaline degeneration of conjunctiva.
32. Filariasis, subconj.
33. Membranous conj. positive for D. B.
34. Symblephron & L. ptosis mechanical after ophthalmia.
35. R. Ext. Rectus paralysis. ( ? Cause )
36. Pigmented naevus of conjunctiva.
30. R. and L. Retino-choroiditis & optic atrophy syphilitic.

38. Interstitial keratitis.
39. Congenital coloboma of iris and choroid.
40. Epithelial hyperplasia of cornea.
41. Embolism of the central artery of retina.
42. R. Streptothrix of conj.
43. Chronic syphilitic irido-cyclitis.
44. Gangrene of Upper lid due to B. proteus.
45. Fly-blown orbit.
46. Colob. of both optic discs. R. Macular changes.
47. Primary optic atrophy (syphilitic)
48. Leprotic keratitis.
49. Epithelioma of limbus.
50. Acute iritis (focal infection) (Tonsils and nose)
51. Malignant papilloma of limbus.
52. Microphthalmos congenital col. of iris and choroid.
53. Palpebral spring catarrah
54. Epithelial hyperplasia ? Malignant.
55. R. Orbital cellulitis due to periostitis.
56. Bilateral heterochromia iridis (congenital).
57. Fibroma of eyelid.
58. Rodent ulcer of L. Eyelid.
59. R. Lipo-dermoid of conj.
60. L. Dermoid of Limbus.
61. Granuloma of the cornea in the process of fibrosis.
62. Cavernous haemangioma of conjunctiva.
63. R. & L. Microcornea & congenital post cortical cataract.
64. L. Cavernous lymphangioma of bulbar conj.
65. R. Conical Cornea (Congenital).
66. Traumatic cellulites of orbit & secondary optic atrophy.
67. L. Palpebral emphysema produced by fracture of frontal sinus.
68. L. Dendritic ulcer of cornea.
69. L, Traumatic mydriasis iridodonesis and subluxation of lens.
70. Papilloma of lid margin.
71. Dislocated lens in A.C.
72. Granuloma of lachrimal sac.
73. High myopia & degeneration of macula.
74. Trach. of lid & bulbar conj.
75. L. Malignant papilloma of limbus.
76. Degeneration cornea superficialis disseminata.
77. Disseminated choroiditis (syphilitic)
78. R. Acute orbital cellulitis probably due to ethmoidal sinusitis.
79. Dermoid cyst at limbus.
80. Granuloma of papilla lachrimalis.
81. R. & l. Optic neuritis (syphilitic) & proptosis of R. globe due to gumma of R. orbit.



82. Cong. Opacities of cornea & Cong. Coloboma of iris.
83. Vitreous & Retinal haemorrhages and rupture of choroid including macular region.
84. R. Central senile choroiditis.
85. L. Syphilitic total ophthalmoplegia.
86. R. Cong. coloboma of lid.
87. Chorio retinitis in a tuberculous patient.
88. Bilateral congenital apparent anophthalmos.
89. Gangrene of the lower lid after measles.
90. Sub-conjunctival dislocation of lens (traumatic).
91. Erysipelas of face and lids.
92. Sclero Keratitis & iritis tuberculous.
93. Deep Keratitis syphilitic.
94. R, Tuberculous conjunctivo-sclera.
95. Keratitis profunda of a striate type caused by a sting of a wasp.
96. R. & L. Optic neuritis after malaria.
97. Indirect traumatic rupture of R. cornea due to fall from a height.
98. Macular degeneration (cause "sinusitis").
99. Cavernous haemangioma of R. bulbar conj.
100. Pigmented naevus of border of Upper lid.
101. Gumma of R. Upper lid.
102. Macrocornea & Enlarged globe.
103. Left polycoria, congenital.
104. Post-neuritic optic atrophy & hemiplegia (syphilitic meningitis)
105. Lipoma of conjunctiva.
106. Sebaceous cyst on caruncle.
107. Congenital ptosis.
108. Lamellar cataract.
109. L. Chronic irido-cyclitis (cause sinusitis).
110. Coats exudative retinitis & L. Detachment of retina.
111. R. Sympathetic ophthalmia, L. Chronic irido cyclitis (after operation).
112. Syphilitic scleritis & sclerosing keratitis.
113. External ophthalmoplegia Wasserman +) Basal lesion totally cured under treatment.
114. Congenital coloboma of macula & persistent hyaloid artery.
115. L. Orbital cellulitis after erysipelas of face.
116. Kerato- Globus.
117. R. Diabetic retinitis,
118. R. & L. Choked discs due to brain tumour (epithelioma of brain).
119. Rapid & Severe R. proptosis, L. Congestive glaucoma in a child due to tumour in sphenoidal region.
120. Bilateral optic atrophy after fractured base (W. R.++++)
121. R, Traumatic mydriasis and subhyaloid Haemorrhage.
122. Scleritis & Sclero-keratitis & uveitis tuberculous.
123. Congenital total aniridia & coloboma of lenses.
124. Fungus infection of orbit of ? nature.

125. R. Acute Iridocyclitis (gonorrheal).
  126. R. & L. Congenital ptosis, (microcornea and colobomata of iris, choroid and optic disc.
  127. Proptosis of R. Eyeball due to ethmoidal tumour.
  128. R. Gummatous periostitis of infero orbital margin of orbit & fistula.
  129. Expulsive haemorrhage.
  130. Epithelial cyst of caruncle.
  131. R & L. Fuch's coloboma of optic. nerve
  132. Pituitary tumour & marked papilloedima.
  133. L. Thrombosis of central retinal vien.
  134. L. Episcleritis.
  135. R. & L. Arteriosclerosis with degenerative changes in the retina.
  136. Superficial punctate keratitis.
  137. Senile papilloma of limbus.
  138. Synchysis Scintillans,
  139. Ophthalmia neonatorum.
  140. Tuberculosis of the lachrymal glands.
-

## THE OPHTHALMOLOGICAL SOCIETY OF EGYPT.

The annual meeting of this Society was held on Friday and Saturday 25th and 26th March 1937, at Giza Memorial Ophthalmic Laboratory. 84 Members attended, the majority of whom being Medical officers of the Ophthalmic Hospitals. The following are the leading topics of the most important communications delivered in the meeting.

1. The aetiology and pathology of retinal detachment.
  2. How does detachment of retina begin.
  3. The incidence of posterior detachment of vitreous in detachment of retina.
  4. Detachment of retina, some predisposing factors.
  5. Treatment of Detachment of Retina.
  6. Operative treatment of detachment of retina after Weve.
  7. Congenital familial cataract with cholestrin crystals.
  8. Capillary angioma of eyelid in a case of Xeroderma pigmentosa.
  9. Keratitis filamentosa elicited in a case by alcoholic injection.
  10. Old adherent leucomata act sometimes as a safeguard against primary glaucoma.
  11. A case of glioma exophytum.
  12. A case of melanotic sarcoma of choroid.
  13. Tubercular periorbitis of R. orbital margin.
  14. Movable ivory globes.
  15. Some observations on X-Ray treatment of Sellar and supra-sellar tumours.
  16. Promising treatment of optic atrophy.
  17. Notes on the treatment of dacryocystitis.
  18. Acute hypotension.
  19. Cases of hysteria in eye.
  20. Hospital based on its statistical returns.
-



## XV. CONCILIUM OPHTHALMOLOGICUM.

It was referred in last years report to the activities of the Local Organising committee.

The Congress was held in the date previously fixed (from 8 - 14 Dec, 1937) as per following programme :—

## XV. CONCILIUM OPHTHALMOLOGICUM.

### Congress Programme December 1937

TUESDAY, 7th 8.30 :—

Opening of "Bureau " at the Semiramis Hotel.

WEDNESDAY, 8th, 10.00 :—

Official opening of the Congress by

HIS MAJESTY THE KING OF EGYPT.

At the Grand Hall of the Egyptian University, Gizeh. 12.00—13.00

« Opening of Scientific and Industrial Exhibitions at Semiramis Hotel.

15.00—19.00 : 1st Official Subject of Symposium :—

"ARTERIAL HYPERTENSION OF THE RETINA"

Report I. Keith and Wagener (Introduction),

» II. Baillart (Clinical Aspect).

» III. Koyanagi (Pathological Aspect).

Communications and discussions in connection with this Symposium.

21.00 : At Semiramis Hotel : Introductions.

Soirée de Gala (Evening Dress).

THURSDAY, 9th, 8.30 - 10.30 :—

Communications and discussions in connection with the Symposium.

"ARTERIAL HYPERTENSION OF THE RETINA" (continued),

« 10.30 - 13.00 : Free communications.

« 9th. 15.00 - 18.00 : Free communications.

RECEPTION AT THE ROYAL ABDIN PALACE (Soirée).

FRIDAY, 10th, 8.30 :—

Meeting of the International Association against Trachoma.

« Reports, discussions (continued).

20.00 : Banquet given by the president of the Local Committee.

Shepherd's Hotel - (Evening dress).

SATURDAY. 11th, 8.30 - 10.30 :—

Meeting of the International Association for the Prevention of Blindness.

« 12.00 - 13.00 : Demonstration meeting.

« 15.00 - 19.00 ;

Excursion to the Pyramids, Sphinx, etc.

Tea at Mena House Hotel offered by the Ophthalmological Society of Egypt.

SATURDAY 20.00 :—

OFFICIAL BANQUET at Semiramis Hotel (Evening Dress)

SUNDAY, 12th, 8.30 - 13.00 :

Visit to the Ophthalmic Hospital and Laboratory at Gizeh, also to Kasr-El-Aini and Fouad I. Hospitals.

Visit to the Egyptian Museum, Amr Mosque, Coptic Museum and Church in old Cairo.

« 15.00 - 18.00 :— Free communications.

MONDAY, 13th, 8.30 :—

Visit to the No. 1 Travelling Ophthalmic Hospital at the Citadel.

Visit of the Citadel, the Mosques of Mohamed Aly, Rifai and Sultan Hassan and Arabic Museum.

Visit to the Ophthalmic Hospital at Kalawoun.

« 13th. 15.00 - 19.00 : 2nd Official Subject of Symposium :  
"ENDOCRINOLOGY AND THE EYE"

Also communication and discussions in connection with it.

Report I. Snapper (Introduction).

« II. Von Szily (Thyroid and the Eye).

« III. Von Imre (Sexual organs and the Eye).

« IV. Jendelize (Hypophysis and the Eye).

« V. Lo Cascio (Parathyroid and the Eye).

22.00 :—

Soirée de Gala offered by H. E. The Prime Minister.  
(Semiramis Hotel Evening dress).

TUESDAY, 14th, 8.30 :—

Visit to the Ophthalmic Hospital at Rod-El-Farag, Lunch at the Delta Barrage.

« 17.00-18.00 : Meeting of delegates of the Federation.

« 18.00-18.30 :— Meeting of the Council.

« 18.30 : General Meeting.

Choosing the city for the meeting of the next International Congress and closing of the congress.

During and by the inauguration of the congress the following publications were distributed to the congressists :—

Two official subjects Volumes.

Report of the Ophthalmic Hospitals Section year 1936. Guide book and map of Cairo.

Report of the Egyptian Ophthalmological Society 1936.

Invitation cards.

Memorial Medals and emblems of the Congress.

The Congress transactions are under print and will be distributed among the members of the congress and the Medical Bodies all over the world.

It is pleasant to record that the congress was a real success as confirmed by the delegates and Professors who attended it.

---

TABLE I. WORK DONE AT ALL OPHTHALMIC HOSPITALS DURING 1937.

1.—IN-PATIENTS : TOTAL NUMBER (Number of available beds 1747 ).	38,042
Number of diets issued . . . . .	<u>510,037</u>
2.— OPERATIONS :—	
I. Major :—	
(a) Senile cataract . . . . .	1,858
(b) Soft cataract . . . . .	369
(c) Trichiasis or entropion . . . . .	111,976
(d) Other operations . . . . .	<u>25,773</u>
TOTAL . . . . .	139,976
II. Minor (including mechanical treatment of trachoma) . . . . .	<u>211,160</u>
GRAND TOTAL, major and minor operations = number of operations, Page 14. . . . .	<u>351,136</u>
3.—OUT-PATIENTS :—	
I. Incurable <sup>(1)</sup> . . . . .	2,319
II. Postponed . . . . .	9,565
III. Tickets issued, <i>i. e.</i> new cases . . . . .	1,213,781
IV. Old cases . . . . .	6,665,796
V. Visits made by patients to hospital for treatment = (I+II+III+IV)	7,891,461
VI. Average number of visits made to hospital by each patient under regular treatment (old cases + tickets issued) ÷ tickets issued.	
The factor of incurable cases is neglected . . . . .	6.4
VII. Discharges :—	
(a) Cured . . . . .	992,954
(b) Relieved . . . . .	229,287
(c) Incurable <sup>(2)</sup> . . . . .	3,486
(d) Spontaneoulsy ceased to attend after having attended only once	72,159
(e)       «       «       «       «       «       more than once . . . . .	101,683
VIII. Trichiasis cases seen among new out-patients :—	
(a) No previous operation having been performed . . . . .	88,535
(b) Previous operation performed unsuccessfully ( not at an Ophthalmic Hospital, but probably by some charlatan). . . . .	6,466
IX. Spectacles ordered . . . . .	2,783
X. Constant wash cases (number of days' treatment) . . . . .	1,976,032
XI. Ages of patients examined :—	
Under one year . . . . .	78,598
From 1 to 5 years . . . . .	133,352
« 6 « 10 « . . . . .	120,649
« 11 « 15 « . . . . .	94,701
« 16 « 20 « . . . . .	104,105
« 21 « 25 « . . . . .	115,520
« 26 « 30 « . . . . .	113,429
« 31 « 35 « . . . . .	95,105
« 36 « 40 « . . . . .	86,169
« 41 « 45 « . . . . .	75,404
« 46 « 50 « . . . . .	58,658

(1) Incurable cases do not receive tickets, but are recognized as soon as seen by the surgeon as both incurable and devoid of surgical interest.

(2) Incurable cases include those which are recognized as soon as seen by the surgeon as incurable but are given tickets for statistical or other purposes.



TABLE 1. WORK DONE AT ALL OPHTHALMIC HOSPITALS DURING 1937 (Cont.)

3—OUT-PATIENTS ( <i>Contd</i> ):—									
Form 51 to 55 years	.	.	.	.	.	.	.	.	42,656
« 56 « 60 «	.	.	.	.	.	.	.	.	38,198
« 61 « 65 «	.	.	.	.	.	.	.	.	27,972
« 66 « 70 «	.	.	.	.	.	.	.	.	19,012
Over 70 years	.	.	.	.	.	.	.	.	10,253
TOTAL (equal tickets issued)									<u>1,213,781</u>
XII. Origin of patients :—									
Patients from :—									
(a) Town in which hospital is situated	.	.	.	.	.	.	.	.	406,521
(b) Markaz in which hospital is situated	.	.	.	.	.	.	.	.	439,744
(c) Other Markazes of same Mudîrîya	.	.	.	.	.	.	.	.	234,958
(d) Other Mudîrîyas or Gevernorates	.	.	.	.	.	.	.	.	132,558
TOTAL (equal tickets issued)									<u>1,213,781</u>

TABLE II.—LIST OF DISEASES.

<b>AMETROPIA :—</b>		
Hypermetropia . . . . .		1,750
Myopia . . . . .		2,550
Astigmatism . . . . .		1,587
Presbyopia . . . . .		2,598
<b>CONJUNCTIVA :—</b>		
Conjunctivitis, gonococcal . . . . .		55,682
« Morax-Axenfeld . . . . .		6,145
« Koch-Weeks . . . . .		29,251
« pneumococcal . . . . .		3,562
« diphtheritic . . . . .		14
« membranous . . . . .		491
Other organism or negative and unclassified . . . . .		29,992
Trachoma I . . . . .		95,443
« II <i>a</i> . . . . .		162,046
« II <i>b'</i> . . . . .		19,820
« II <i>b''</i> . . . . .		2,294
« II <i>c</i> . . . . .		5,283
« III including post-trachomatous degeneration . . . . .		739,613
« IV . . . . .		51,951
Phlyctenule . . . . .		47,597
Pterygium . . . . .		10,988
Pinguecula . . . . .		3,034
Xerosis . . . . .		4,200
Symblepharon . . . . .		438
Dermoid . . . . .		42
<b>Other conditions :—</b>		
Argyrosis . . . . .		4,132
Colloid and hyaline degeneration . . . . .		177
Hypertrophied caruncle . . . . .		580
Injuries (foreign bodies, burn, etc.) . . . . .		1,123







TABLE 11.— LIST OF DISEASES (*cont.*)

VITREOUS :—														
Opacities	.	.	.	.	.	.	.	.	.	.	.	.	.	354
Foreign bodies	.	.	.	.	.	.	.	.	.	.	.	.	.	2
MUSCLES :—														
Strabismus, alternating	.	.	.	.	.	.	.	.	.	.	.	.	.	2,808
„ convergent	.	.	.	.	.	.	.	.	.	.	.	.	.	23,015
Strabimus divergent	.	.	.	.	.	.	.	.	.	.	.	.	.	22,749
Heterophoria	.	.	.	.	.	.	.	.	.	.	.	.	.	149
Nystagmus	.	.	.	.	.	.	.	.	.	.	.	.	.	2,968
Paralysis	.	.	.	.	.	.	.	.	.	.	.	.	.	39
GLAUCOMA :—														
Primary, acute	{	Including absolute glaucoma caused by acute, sub-											216	
„ sub-acute		acute or chronic glaucoma.											656	
„ chronic													7,823	
Secondary	.	.	.	.	.	.	.	.	.	.	.	.	.	12,465
GLOBE :—														
Shrunken globe	.	.	.	.	.	.	.	.	.	.	.	.	.	23,667
Buphthalmos	.	.	.	.	.	.	.	.	.	.	.	.	.	56
Exophthalmic goitre	.	.	.	.	.	.	.	.	.	.	.	.	.	32
Panophthalmitis	.	.	.	.	.	.	.	.	.	.	.	.	.	436
Microphthalmos	.	.	.	.	.	.	.	.	.	.	.	.	.	54
Anophthalmos	.	.	.	.	.	.	.	.	.	.	.	.	.	9
Injury	.	.	.	.	.	.	.	.	.	.	.	.	.	249
ORBIT :—														
Tumours	.	.	.	.	.	.	.	.	.	.	.	.	.	43
Cellulitis	.	.	.	.	.	.	.	.	.	.	.	.	.	45
Tenonitis	.	.	.	.	.	.	.	.	.	.	.	.	.	7
Periostitis	.	.	.	.	.	.	.	.	.	.	.	.	.	16
Injuries	.	.	.	.	.	.	.	.	.	.	.	.	.	85
Cyst, frontal	.	.	.	.	.	.	.	.	.	.	.	.	.	3
« ethmoidal	.	.	.	.	.	.	.	.	.	.	.	.	.	3
Contracted socket	.	.	.	.	.	.	.	.	.	.	.	.	.	138
Fly-blown	.	.	.	.	.	.	.	.	.	.	.	.	.	15

TABLE III.—CAUSES OF OPTIC ATROPHY.

OPTIC ATROPHY :—														
A <sup>(1)</sup> Primary :—														
The spinal diseases causing the condition are :—														
G.P.I.	.	.	.	.	.	.	.	.	.	.	.	.	.	7
Tabes	.	.	.	.	.	.	.	.	.	.	.	.	.	

(1) Patients are accounted blind who cannot count fingers at one metre.

TABLE III. CAUSES OF OPTIC ATROPHY (*cont.*)

Disseminated sclerosis . . . . .	—
Lateral sclerosis . . . . .	—
Spastic paraplegia . . . . .	—
Lebers hereditary optic atrophy . . . . .	—
Congenital optic atrophy . . . . .	—
Unknown . . . . .	33
It may also be caused by :—	
Arterio-sclerosis . . . . .	1
(2) Compression of the optic chiasma or of the optic nerve by a tumour or injury by a projectile or bony fracture may produce optic atrophy of a primary type . . . . .	
(3) Retro-bulbar neuritis :—	
The acute form causes atrophy of the optic nerve, primary in type, not infrequently.	
The chronic form more rarely.	
Acute retro-bulbar neuritis. The causes are :—	
a) Sepsis (dental, periostitis, middle ear, accessory sinuses) . . . . .	1
b) Acute fevers (including syphilis and rheumatism) . . . . .	27
c) Intoxications (alcohol, lead) . . . . .	—
d) Nervous diseases (disseminated sclerosis, acute myelitis) . . . . .	—
Chronic retro-bulbar neuritis may be caused by tobacco, alcohol, diabetes, iodoform, opium, etc. . . . .	
B. Post-neuritic :—	
The causes of optic neuritis, all of which may be followed by post neuritic atrophy, are as follows :—	
a) Sepsis (dental, periostitis, middle ear, accessory sinues) . . . . .	11
b) Acute fevers (including syphilis and rheumatism) . . . . .	41
c) Intoxications (kidney disease and diabetes alcohol, felixmas) . . . . .	1
d) Nervous diseases : Diss. sclerosis, G.P.I., epilepsy . . . . .	1
e) Anæmia . . . . .	1
f) Unknown . . . . .	17
Total . . . . .	141

TABLE IV.—LIST OF OPERATIONS.

EYELIDS :—	
For trichiasis and entropion :—	
Snellen's . . . . .	96146
Anagnostakis . . . . .	806
Snellen-Anagnostakis . . . . .	4468
Canthoplasty . . . . .	2676
Grafting mucous membrane . . . . .	7463
Electrolysis ( <b>minor</b> ) . . . . .	7294
Excision of lash ( <b>minor</b> ) . . . . .	1192

TABLE IV. LIST OF OPERATIONS (*cont.*).

Other operations . . . . .	417
For Ectropion :—	
Plastic . . . . .	30
Mac Callan's . . . . .	—
Kenneth Scott's . . . . .	2
Kuhnt's . . . . .	22
Other operations . . . . .	64
For ptosis . . . . .	29
For symblepharon . . . . .	121
For hordeolum and chalazion ( <b>minor</b> ) . . . . .	5317
Cyst removed . . . . .	187
Wart excised ( <b>minor</b> ) . . . . .	366
Restitching wounds ( <b>minor</b> ) . . . . .	109
Opening abscesses ( <b>minor</b> ) . . . . .	2725
Various . . . . .	334
CONJUNCTIVA :—	
For trachoma :—	
Expression or Mechanical Treatment ( <b>minor</b> ) . . . . .	110283
Combined excision of Heisrath . . . . .	967
Post-trachomatous degeneration ( <b>minor</b> ) . . . . .	79047
Other operations } ( <b>minor</b> ) . . . . .	463
} ( <b>major</b> ) . . . . .	397
Pterygium . . . . .	5399
CORNEA :—	
Foreign body removed ( <b>minor</b> ) . . . . .	2718
Sæmisch's section . . . . .	198
Cautery . . . . .	452
Various . . . . .	136
IRIS :—	
Iridectomy for adherent leucoma . . . . .	3809
« visual . . . . .	473
« for glaucoma . . . . .	1473
« preliminary for cataract . . . . .	242
Cystoid cicatrix , . . . .	9
Division of anterior synechia . . . . .	8
Various . . . . .	135
LACRIMAL SAC :	
Excision . . . . .	7326
Various ( <b>minor</b> ) . . . . .	1646
LENS :—	
For senile cataract :—	
Extraction with iridectomy . . . . .	1543
« after previous iridectomy . . . . .	315
For membrane after extraction :— Discission . . . . .	619
For soft cataract :—	
Extraction . . . . .	195
Discission . . . . .	174



LIST OF OPERATIONS (cont.)

Curette evacuation . . . . .	238
Paracentesis . . . . .	22
For membrane after evacuation :—	
Discission . . . . .	43
Capsulotomy . . . . .	1
GLOBE :	
Trephining of cornea-sclera with iridectomy . , . . .	1,231
Trephining . . . . .	44
Excision . . . . .	478
Evisceration . . . . .	475
Paracentesis . . . . .	507
ORBIT :—	
Exenteration . . . . .	9
For tumour . . . . .	43
For dermoid . . . . .	21
For cellulitis . . . . .	75
For cyst, frontal . . . . .	—
„ ethmoidal . . . . .	—
Tenotomy and advancement . . . . .	—
Other major operations . . . . .	139
Trial with magnet :—	
Positive . . . . .	3
Negative . . . . .	12
TOTAL = total number of major and minor operations, page 1 . . .	351136

TABLE V.—NUMBER OF NEW PATIENTS TREATED AND OPERATIONS PERFORMED  
AT ALL OPHTHALMIC HOSPITALS DURING 1937

Hospitals	Number of Patients	Hospitals	Number of Operations
Rod El Farag . . . . .	77887	Rod El Farag . . . . .	20630
No .1, Citadel . . . . .	63436	Beni Suef . . . . .	13115
Guiza . . . . .	62413	Assiut . . . . .	10936
Beni Suef . . . . .	32346	Guiza . . . . .	10312
Alexandria . . . . .	30840	Tanta . . . . .	8851
Tanta . . . . .	30777	No. 1, T.O.H. Citadel . . . . .	8797
El Demerdash . . . . .	30633	Benha . . . . .	8505
Assiut . . . . .	30384	Fayoum . . . . .	7951
Port Said . . . . .	26951	Zagazig . . . . .	7320
Sohag . . . . .	24854	Demerdash . . . . .	6751
El Fayoum . . . . .	23780	Shebin El Kom . . . . .	6737
Mallawi . . . . .	21750	Sohag . . . . .	6426
Benha . . . . .	21750	Alexandria . . . . .	6203
El Fikria . . . . .	20933	Daqahlieh P.C.T.O.H. . . . .	5741
El Minia . . . . .	20930	Nagh Hammady . . . . .	5689
Mit Ghamr . . . . .	20597	Mansoura . . . . .	5656
El Mahalla . . . . .	20345	Maghagha . . . . .	5579
Shebin El Kom . . . . .	20260	Mallawi . . . . .	5389
Deirout . . . . .	20121	Quos . . . . .	5309
Zagazig . . . . .	19735	Biba . . . . .	5198
Damanhour . . . . .	19325	No. 11 T. O. H. . . . .	5153
Mansoura . . . . .	19044	Shebin El Kanater . . . . .	4986

TABLE V. —NUMBER OF NEW PATIENTS TREATED AND OPERATIONS PERFORMED  
AT ALL OPHTHALMIC HOSPITALS DURING 1937 (*Contd.*)

Hospitals	Number of Patients	Hospitals	Number of Operations
Akhmeem . . . . .	17119	El Fikria . . . . .	4841
Maghagha . . . . .	16988	Port Said . . . . .	4815
Assuit P.C.T.G.H. . . . .	15962	Mahalla El Kobra . . . . .	4773
Benha . . . . .	14672	No. 9, T.O.H. . . . .	4613
Damietta . . . . .	14040	Baliana . . . . .	4579
No. 9, T.O.H. . . . .	13656	Mit Ghamr . . . . .	4567
Menouf . . . . .	13466	No. 2, T.O.H. . . . .	4538
Ashmoun . . . . .	13435	El Fashn . . . . .	4459
El Suez . . . . .	13055	Dierout . . . . .	4409
No. 7, T.O.H. . . . .	12862	Samalout . . . . .	4399
Daquahlia P.C.T.O. . . . .	12360	Quena . . . . .	4360
No. 11, T.O.H. . . . .	12301	No. 7, T.O.H. . . . .	4303
Nagh Hammady . . . . .	12284	No. 4, T.O.H. . . . .	4235
Mataria . . . . .	12271	El Saff . . . . .	4171
Luxor . . . . .	12047	El Minia . . . . .	4162
Baliana . . . . .	11930	Akhmeem . . . . .	4132
Quena . . . . .	11843	No. 10, T.O.H. . . . .	4022
Isna . . . . .	11819	No. 6, T.O.H. . . . .	3931
Guirga . . . . .	11613	No. 5, T.O.H. . . . .	3918
Shebin El Kanater . . . . .	11341	Ashmoun . . . . .	3908
El Fashn . . . . .	11282	El Santa . . . . .	3899
Dessouq . . . . .	11141	Guirga . . . . .	3800
No. 10, T.O.H. . . . .	11134	Tala . . . . .	3799
No. 5, T.O.H. . . . .	10789	El Simbellawain . . . . .	3798
No. 6, T.O.H. . . . .	10547	Luxor . . . . .	3627
Samalout . . . . .	10494	No. 3, T.O.H. . . . .	3330
Santa . . . . .	10436	El Wasta . . . . .	3323
Kafr El Zayat . . . . .	10395	No. 8, T.O.H. . . . .	3281
No. 4, T.O.H. . . . .	10134	Damietta . . . . .	3255
Rasheed . . . . .	10077	Kafr El Zayat . . . . .	3247
No. 8, T.O.H. . . . .	10031	Desouq . . . . .	3236
No. 121, T.O.H. . . . .	10020	Sherbeen . . . . .	3204
Zifta . . . . .	9746	Menouf . . . . .	3161
Tayeba . . . . .	9560	Facuos . . . . .	3137
Bilbeis . . . . .	9301	Zifta . . . . .	3136
Kom Hamada . . . . .	9171	Isna . . . . .	3096
Asswan . . . . .	9108	El Mataria . . . . .	3067
Qous . . . . .	9084	Damanhour . . . . .	2878
El Simbellawain . . . . .	9062	Suez . . . . .	2817
El Wasta . . . . .	8784	No. 12, T.O.H. . . . .	2697
El Saff . . . . .	8354	Fowa . . . . .	2569
Idfina . . . . .	8215	Idfu . . . . .	2527
Facuos . . . . .	8196	Rasheed . . . . .	2468
No. 3, T.O.H. . . . .	8140	Assiut P.C.T.O. . . . .	2412
No. 2, T.O.H. . . . .	7796	Idfina . . . . .	2395
Tala . . . . .	7534	Bilbeis . . . . .	2288
Fowa . . . . .	7137	Shubrakheet . . . . .	2172
Idfina . . . . .	6526	Kom Hamada . . . . .	2100
Shubrakheet . . . . .	6515	El Delingat . . . . .	1901
Sherbeen . . . . .	6149	Asswan . . . . .	1671
El Delingat . . . . .	3525	El Tayeba . . . . .	1572
Dishna . . . . .	3008	Dishna . . . . .	906
El Badary . . . . .	2374	El Badari . . . . .	751
Samannoud . . . . .	1755	Kafr El Dawar . . . . .	654
Kafr El Dawar . . . . .	1322	Samannoud . . . . .	550
No. 13, T.O.H. . . . .	416	No. 13, T.O.H. . . . .	68



TABLE VI.—AVERAGE NUMBER OF MONTHLY MAJOR AND MINOR OPERATIONS AT ALL  
OPHTHALMIC HOSPITALS DURING 1937

Hospitals	Number of Major Operations	Hospitals	Nnmber of Minor Operations
Rod El Farag . . . . .	691	Rod El Farag . . . . .	1027
Guiza . . . . .	397	Beni Suef . . . . .	778
Benha . . . . .	394	Assiut . . . . .	580
Assiut . . . . .	330	No. 1, Citadel . . . . .	494
Beni Suef . . . . .	314	Guiza . . . . .	462
Tanta . . . . .	293	Tanta . . . . .	444
Sohag . . . . .	254	El Fayoum . . . . .	410
Fayoum . . . . .	252	El Zagazig . . . . .	363
El Demirdash . . . . .	252	Shebin El Kom . . . . .	341
El Zagazig . . . . .	246	Maghagha . . . . .	337
No. 1, Citadel . . . . .	238	Alexandria . . . . .	334
Shebin El Kom . . . . .	220	Naga Hammady . . . . .	317
El Mansoura . . . . .	209	Benha . . . . .	314
Kena . . . . .	185	Daquahliah P.C.T.O. . . . .	314
Alexandria . . . . .	182	Mallawy . . . . .	313
No. 11, T.O.H. . . . .	175	El Demirdash . . . . .	309
Daquahlieh P.O.T.O.H. . . . .	163	Port Said . . . . .	301
Quos . . . . .	157	El Fikria . . . . .	297
Nagh Hammady . . . . .	156	Biba . . . . .	292
Mit Ghamr . . . . .	146	Quos . . . . .	284
El Baliana . . . . .	142	Sohag . . . . .	281
No. 2, T.O.H.. . . . .	142	Shebin El Kanater . . . . .	277
No. 7, T.O.H.. . . . .	141	El Mahalla El Kubra . . . . .	273
Biba . . . . .	141	No. 9, T.O.H. . . . .	262
El Wasta . . . . .	139	El Mansoura . . . . .	261
Shebin El Kanater . . . . .	137	Samalout . . . . .	255
Mallawy . . . . .	136	No. 11, T.O.H. . . . .	253
No. 5, T.O.H.. . . . .	133	No. 4, T.O.H. . . . .	252
Tala . . . . .	131	El Fashn . . . . .	241
Dierout . . . . .	129	El Baliana . . . . .	239
El Fashn . . . . .	129	Dieurout . . . . .	238
Akhmeem . . . . .	127	No. 11, T.O.H. . . . .	235
Maghagha . . . . .	127	Minia . . . . .	227
El Mahalla . . . . .	124	Ashmoun . . . . .	222
No. 9, T.O.H.. . . . .	122	No. 10, T.O.H. . . . .	221
El Santa . . . . .	121	Akhmeem . . . . .	217
Guiza . . . . .	120	No. 7, T.O.H. . . . .	216
El Minia . . . . .	119	Simbellawain . . . . .	216
El Saff . . . . .	113	No. 6, T.O.H.. . . . .	214
No. 10, T.O.H. . . . .	113	Damietta . . . . .	204
No. 6, T.O.H. . . . .	112	El Santa . . . . .	203
Samalout . . . . .	110	Guiza . . . . .	196
Luxor . . . . .	109	No. 5 T.O.H. . . . .	193
Bilbeis . . . . .	107	Luxor . . . . .	192
Isna . . . . .	107	Suez . . . . .	187
El Fikria . . . . .	106	Tala . . . . .	185
Damanhour . . . . .	106	Dessouq . . . . .	183
Facus . . . . .	104	No. 3, T.O.H.. . . . .	180
Assiut P.C.T.O.H. . . . .	104	No. 8, T.O.H. . . . .	179
Sherbeen . . . . .	104	Kena . . . . .	178
Zifta . . . . .	104	Kafr El Ziyat . . . . .	178
Ashmoun . . . . .	103	Mataria . . . . .	177
El Sembellawain . . . . .	100	Fowa . . . . .	166
No. 4, T.O.H.. . . . .	100	Menouf . . . . .	166
Port Said . . . . .	99	Sherbeen . . . . .	163
No. 3, T.O.H. . . . .	97	Zifta . . . . .	157
Menouf . . . . .	97	Facous . . . . .	156
No. 8, T.O.H. . . . .	94	Isna . . . . .	149
No. 12, T.O.H. . . . .	91	Rasheed . . . . .	139
Kafr El Zayat . . . . .	91	El Wasta . . . . .	137
Desouq . . . . .	86	Damanhour . . . . .	134
Idfina . . . . .	81	No. 12, T.O.H. . . . .	133



TABLE VI.—AVERAGE OF MONTHLY NAJOR AND MINOR OPERATIONS  
AT ALL OPHTHALMIC HOSPITALS DURING 1937 (*cont.*)

Hospitals	Number of Major opers.	Hospitals	Number of Miner opers.
El Matariya . . . . .	78	Idfu . . . . .	128
Idfina . . . . .	75	Idfina . . . . .	124
Shubrakheet . . . . .	74	Shubrakheet . . . . .	106
Kom Hamada . . . . .	74	Kom Hamada . . . . .	100
El delingat . . . . .	71	Assiut P.C.T.O.H. . . . .	96
Rasheed . . . . .	66	Asswan . . . . .	94
Damietta . . . . .	66	El Delingat . . . . .	86
El Tayeba . . . . .	49	Bilbeis . . . . .	83
El Suez . . . . .	47	El Tayeba . . . . .	81
Fowa . . . . .	47	Dishna . . . . .	60
Asswan . . . . .	45	El Badary . . . . .	48
Kafr El Dawar . . . . .	18	Samannoud . . . . .	37
Dishna . . . . .	15	Kafr El Dawar . . . . .	36
El Badary . . . . .	14	No.13,T.O.H. . . . .	4
Samannoud . . . . .	8		
No.13,T.O.H. . . . .	1		

TABLE VII.—NEW PATIENTS TREATED ACCORDING TO THE AGE AT WHICH THEY SOUGHT TREATMENT

Age	Number of Patients
Under one Year . . . . .	78598
From 1 to 5 Years . . . . .	133352
« 6 to 10 „ . . . . .	120649
« 11 to 15 „ . . . . .	94701
« 16 to 20 „ . . . . .	104105
« 21 to 25 „ . . . . .	115620
« 26 to 30 „ . . . . .	113429
« 31 to 35 „ . . . . .	92105
« 36 to 40 „ . . . . .	86169
« 41 to 45 „ . . . . .	75504
« 46 to 50 „ . . . . .	58658
« 51 to 55 „ . . . . .	42656
« 56 to 60 „ . . . . .	38198
« 61 to 65 „ . . . . .	27972
« 66 to 70 „ . . . . .	19012
Over 70 Years . . . . .	10253
Total . . . . .	1213781

TABLE VIII.—NEW PATIENTS PER MONTH

Month	Number of Patients
January . . . . .	58533
February . . . . .	56032
March . . . . .	79315
April . . . . .	84122
May . . . . .	111035
June . . . . .	144822
July . . . . .	167064
August . . . . .	142658
September . . . . .	119538
October . . . . .	115121
November . . . . .	89113
December . . . . .	46425
Total . . . . .	1213781

TABLE IX.—AVERAGE TEMPERATURE

The average temperature was arrived at by taking one place in Lower Egypt (Gemeiza) one place in Cairo (Giza) and one place in Upper Egypt (Assiut) and obtaining an average figure from the mean temperature at each place on each month. This is shown in appended table, the reading being in degrees.

Months	Gemeiza	Giza	Assiut	Average
January . . . . .	11.7	10.4	10.5	10.3
February . . . . .	13.0	13.7	14.0	13.6
March . . . . .	15.4	16.4	18.0	16.6
April . . . . .	19.0	20.3	23.0	20.3
May . . . . .	23.8	23.2	27.0	24.0
June . . . . .	24.4	25.6	27.4	25.8
July . . . . .	25.8	27.6	29.2	27.5
August . . . . .	26.2	27.2	29.0	27.5
September . . . . .	25.2	25.5	27.8	26.2
October . . . . .	22.4	22.8	24.5	23.2
November . . . . .	19.0	19.0	19.4	19.1
December . . . . .	13.6	13.0	13.8	13.5

TABLE X.—SYNOPSIS OF WORK AT ALL OPHTHALMIC HOSPITALS SINCE 1934

	1934	1935	1936	1937
<i>Hospitals in existence :—</i>				
Travelling . . . . .	14	14	15	15
Permanent . . . . .	30	55	59	63
New patients treated . . . . .	928215	1034986	1133599	1213781
Total attendance of out-patients . . . . .	7251382	7625063	7741226	7891461
Operations performed . . . . .	305206	334866	344661	351136
In-patients . . . . .	27860	32623	35246	38042
<i>Details :—</i>				
Patients examined . . . . .	944871	1049584	1145321	1225665
Patients regularly treated . . . . .	928215	1034986	1133599	1213781
Incurable cases . . . . .	3654	4246	3746	3486
Blind in one eye . . . . .	47122	51525	53520	59512
« both eyes . . . . .	11371	11361	12800	12930
Trichiasis cases examined . . . . .	81583	89108	87579	88535
« eyes operated on and cured . . . . .	89674	99474	103606	111976

TABLE XI.—CAUSES OF BLINDNESS.

A.—Congenital . . . . .	9
B.—Acquired :—	
I.—Conjunctivitis resulting in :—	
(a) Total corneal opacity . . . . .	17058
(b) Shrunken globe . . . . .	23667
(c) Secondary glaucoma . . . . .	11472
(d) Other Condition . . . . .	3833
II.—Fundus :—	
(a) Optic atrophy . . . . .	141
(b) Optic neuritis . . . . .	21
(c) Retinitis pigmentosa . . . . .	17
(d) Detachment of retina . . . . .	95
(e) Other diseases of fundus . . . . .	111
III.—Glaucoma, Primary :—	
(a) Monocular (including absolute Number 2690) . . . . .	8802
(b) Binocular (       "       "       "       1708) . . . . .	2581
IV.—Injury . . . . .	333
V.—Operation . . . . .	57
VI.—Infectious diseases . . . . .	18
VII.—Iritis endogenous . . . . .	1222
VIII.—Various . . . . .	918
Total excluding cataract cases . . . . .	64255
Cataract cases . . . . .	3829
Grand Total . . . . .	68084

TABLE XII.—TOTAL PERCENTAGE OF BLINDNESS IN ONE OR BOTH EYES

	1934	1935	1936	1937
	%	%	%	%
<i>Permanent Ophthalmic Hospitals .—</i>				
Tanta . . . . .	4.46	3.81	3.7	3.04
Assiout . . . . .	8.28	7.20	5.49	5.67
Mansoura . . . . .	6.04	5.24	4.58	3.51
Beni Suef . . . . .	6.48	5.91	5.37	5.31
Zagazig . . . . .	8.35	7.30	7.25	6.62
Damanhour . . . . .	6.48	6.24	6.18	7.74
Shebin El Kom . . . . .	4.99	4.41	4.34	3.84
Sohag . . . . .	12.25	12.14	9.93	7.49
Mainya . . . . .	10.32	7.49	7.19	6.53



TABLE XII.—TOTAL PERCENTAGE OF BLINDNESS IN ONE OR BOTH EYES (*Cont.*)

	1934	1635	1936	1937
	%	%	%	%
<i>Permanent Ophthalmic Hospitals (contd.) :—</i>				
Fayoum . . . . .	8.22	7.98	7.63	7.53
Benha . . . . .	4.44	3.99	3.32	3.36
Alexandria . . . . .	4.52	4.42	4.96	4.70
Port Said . . . . .	6.23	7.21	7.13	6.58
Qena . . . . .	8.50	8.12	8.02	7.90
Damietta . . . . .	4.85	5.16	4.65	4.60
Giza . . . . .	4.92	5.43	4.93	4.29
Suez . . . . .	3.95	3.72	3.84	3.30
Kom Hamada . . . . .	3.73	3.16	2.57	1.76
Mallawi . . . . .	3.50	5.52	5.13	6.32
Mit Ghamr . . . . .	3.99	3.81	3.57	2.29
Maghagha . . . . .	7.96	7.37	7.53	7.44
Fikriya . . . . .	4.38	5.80	4.18	4.10
Asswan . . . . .	8.03	9.20	8.47	8.58
Rod El Farag . . . . .	4.09	4.76	2.95	2.88
Tieba . . . . .	4.64	4.06	4.81	4.78
Esna . . . . .	6.81	6.58	6.12	5.97
Disouk . . . . .	8.88	5.55	8.41	8.29
Demerdash . . . . .	3.05	3.02	2.80	8.78
Matariya . . . . .	3.90	3.84	3.90	3.04
Luxor . . . . .	12.19	9.70	8.51	7.74
Rasheed . . . . .	5.23	4.14	3.88	3.14
Fakous . . . . .	5.04	5.29	5.36	5.45
Girga . . . . .	6.30	7.69	6.55	6.71
Mahalla El Kubra . . . . .	3.79	3.67	4.53	4.64
Kafr El Zayat . . . . .	4.59	4.71	4.54	4.16
Santa . . . . .	3.32	4.64	3.55	2.47
Minouf . . . . .	4.13	3.32	3.09	2.47
Ashmoun . . . . .	4.57	3.97	3.80	5.28
Fowa . . . . .	5.09	5.10	5.09	5.04
Delingat . . . . .	9.50	9.36	9.40	9.06
Edfou . . . . .	5.66	5.85	6.67	5.87
El Saff . . . . .	—	5.38	4.54	4.48
Zifta . . . . .	6.34	7.26	6.37	5.12
Edfina . . . . .	8.23	8.12	7.94	7.04
Tala . . . . .	8.70	8.85	7.92	7.85
Sherbin . . . . .	6.08	5.44	4.80	5.20
Senbillawain . . . . .	10.57	9.01	6.55	6.08
Samalout . . . . .	17.39	9.34	7.88	6.96
Wasta . . . . .	7.41	6.82	6.98	6.64
Dayrout . . . . .	6.55	7.63	4.72	4.73
Shebin El Kanater . . . . .	—	9.03	7.97	6.27
Belbis . . . . .	—	6.31	6.07	4.47
Fashn . . . . .	—	10.08	9.68	9.24
Baliana . . . . .	—	6.31	6.07	4.47
Quos . . . . .	—	2.62	7.90	4.46
Akhmeem . . . . .	—	—	17.20	4.
Shubrakheit . . . . .	—	—	13.41	4.52
Naga Hammadi . . . . .	—	—	13.82	3.78
Biba . . . . .	—	—	13.89	6.45
Kafr El Dawar . . . . .	—	—	—	4.16
Dishna . . . . .	—	—	—	6.27
El Badari . . . . .	—	—	—	3.52
Samannoud . . . . .	—	—	—	—
<i>Travelling Ophthalmic Hospitals :—</i>				
No. 1, Travelling (Citadel) . . . . .	9.06	8.17	7.57	—
No. 2, Travelling :				
Shubrakheit . . . . .	9.80	—	—	—
Etiai El Baroud . . . . .	10.00	8.98	7.43	—
Abo Homms . . . . .	—	—	—	5.64

TABLE XII.—TOTAL PERCENTAGE OF BLINDNESS IN ONE OR BOTH EYES (*Contd.*)

	1934	1935	1936	1937
	%	%	%	%
Hosh Issa . . . . .	—	—	—	7.38
No. 3, Travelling :				
Kom Ombo . . . . .	5.93	6.99	6.88	5.89
Daraw . . . . .	7.25	6.41	6.99	7.13
No. 4, Travelling :				
Hihia . . . . .	—	7.59	5.78	—
Kafr Sakr . . . . .	8.48	—	—	—
Minia El Qamh . . . . .	7.27	8.32	—	—
Ismailia . . . . .	—	—	7.34	4.73
Abu Kebir . . . . .	—	—	—	5.61
No. 5, Travelling :				
Tahta . . . . .	6.49	4.74	4.74	—
Akhmim . . . . .	12.3	—	—	—
El Minshah . . . . .	—	—	4.10	4.17
El Maragha . . . . .	—	—	—	3.88
No. 6, Travelling :				
Bagour . . . . .	—	6.22	2.35	—
Berket El Sabba . . . . .	8.24	—	—	—
El Shohada . . . . .	—	—	—	5.91
Tonob . . . . .	6.32	6.25	—	—
Minshat Sultan . . . . .	—	—	6.79	6.91
No. 7, Travelling :				
Beba . . . . .	9.14	9.21	—	—
Miniet El Hait . . . . .	10.21	—	—	—
Abshway . . . . .	—	—	7.03	—
Sinnauris . . . . .	—	—	—	—
No. 8, Travelling :				
Beni Mazar . . . . .	4.39	4.50	2.81	—
Abalwakf . . . . .	—	—	4.06	5.01
Mansafis . . . . .	—	—	—	2.81
No. 9, Travelling :				
Imbaba . . . . .	4.52	—	—	—
El Ayat . . . . .	4.51	5.72	6.79	9.86
Hawamdiah . . . . .	—	4.47	5.09	—
Awseem . . . . .	—	—	—	6.83
No. 10, Travelling :				
Naga Hammadi . . . . .	—	7.86	10.07	—
Dishna . . . . .	7.46	—	—	—
Kous . . . . .	11.75	10.40	—	—
El Mataâna . . . . .	—	—	7.44	6.81
Armant . . . . .	—	—	—	8.58
No. 11, Travelling :				
Tookh . . . . .	—	4.03	5.01	—
Elkanater Elkhayria . . . . .	—	—	8.03	8.48
Kaha . . . . .	—	—	—	9.5

TABLE XII.—TOTAL PERCENTAGE OF BLINDNESS IN ONE OR BOTH EYES (*contd.*)

	1934	1935	1936	1937
	%	%	%	%
No. 12, Travelling :				
Kafr El Sheikh . . . . .	4.77	—	—	—
Basyoun . . . . .	4.04	4.88	—	—
Samannoud . . . . .	—	4.68	4.99	5.01
Biala . . . . .	—	—	—	3.36
No. 13, Travelling :				
Ashmoun . . . . .	—	—	—	5.98
Assiut Provincial Council :				
Manfalout . . . . .	—	4.73	4.67	—
Abnoub . . . . .	3.08	—	—	—
Abou Tieg . . . . .	4.00	—	—	—
El Badari . . . . .	—	—	—	5.47
Sahel Seleim . . . . .	—	5.37	—	—
Dier Mawas . . . . .	—	—	—	4.68
Dakahlia Provincial Council :				
Aga . . . . .	—	5.79	4.77	—
Diarb Negm . . . . .	8.30	—	—	4.79
Dikirnis . . . . .	5.94	7.79	—	—
Fareskour . . . . .	—	4.42	—	—
El Zarka . . . . .	—	—	4.58	4.55

*N.B.*—It is noticed in this table that the percentage of blindness varies in one hospital in different years. This the most probably due to several reasons ; the important of which are : that the same blind patient might have visited the same hospital several times, that the patient might have visited several hospitals, that the surgeons of the same hospital are changed and also due to the amount of care exercised in booking those cases.



TABLE XIII.—BLINDNESS AMONG OUT-PATIENTS SINCE 1909

YEAR	Total Number of Patients examined	One eye including cataract cases		Both eyes including cataract cases		One eye and both eyes including cataract cases		One eye excluding cataract cases		Both eyes excluding cataract cases		One eye and both eyes excluding cataract cases	
		Number	Percent	Number	Per cent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1909	22373	2116	9.4	1385	6.1	3501	15.6	—	—	—	—	—	—
1910	25506	2438	9.5	2010	7.8	4448	17.4	—	—	—	—	—	—
1911	31264	3196	10.2	2811	8.9	6007	19.2	—	—	—	—	—	—
1912	43668	4115	9.4	2824	6.4	6939	15.7	—	—	—	—	—	—
1913	62233	5361	8.6	2878	6.2	9238	14.8	—	—	—	—	—	—
1914	75398	6425	8.5	3591	4.7	10016	13.2	—	—	—	—	—	—
1915	71930	5637	7.8	2952	4.2	8629	12	—	—	—	—	—	—
1916	94447	7042	7.4	3504	3.7	10546	11.2	—	—	—	—	—	—
1917	100410	9285	9.3	4611	4.6	13996	13.9	—	—	—	—	—	—
1918	90668	8969	9.9	4261	4.7	13230	14.6	—	—	—	—	—	—
1919	85577	8537	10.2	4278	5.1	12815	15.3	—	—	—	—	—	—
1920	108113	9833	9.1	5154	4.7	14987	13.8	—	—	—	—	—	—
1921	137223	10566	8.3	5055	3.9	15619	12.2	—	—	—	—	—	—
1922	147429	12524	8.5	4850	3.3	17374	11.8	—	—	—	—	—	—
1923	174004	14394	8.3	5146	2.9	19540	11.2	—	—	—	—	—	—
1924	206342	16535	8	5716	2.8	22251	10.8	—	—	—	—	—	—
1925	246771	19422	7.9	5137	2.5	25559	10.4	—	—	—	—	—	—
1926	283602	21979	7.7	6703	2.6	28681	10.1	—	—	—	—	—	—
1927	361577	26591	7.4	8689	2.4	35280	9.8	—	—	—	—	—	—
1928	402530	28816	7.2	8592	2.1	37408	9.3	—	—	—	—	—	—
1929	479932	21393	6.6	8697	2.8	40590	8.4	—	—	—	—	—	—
1930	359318	36021	6.6	9513	1.7	45534	8.4	—	—	—	—	—	—
1931	652338	28433	5.9	9489	1.4	47922	7.3	—	—	—	—	48851	6.9
1932	737990	40215	5.4	10740	1.5	50955	6.9	36945	5	11220	1.5	58165	6.5
1933	838652	45980	5.4	10870	1.3	56850	6.7	44025	5.2	10193	1.2	54218	6.4
1934	944871	47122	5	11371	1.2	58493	6.2	45056	4.8	10519	1.1	55575	5.9
1935	1049584	51525	4.9	11361	1.1	62886	6	48984	4.7	10497	1	59481	5.7
1936	1145321	53520	4.7	12800	1.1	66320	5.8	51707	4.5	11430	1	63137	5.5
1937	1225665	59512	4.8	12930	1	72442	5.8	58357	4.7	10256	.8	68613	5.5
TOTAL	10371782	628101	6	190055	1.8	818056	7.9	285074	2.7	64115	0.6	394040	3.7

N. B.— The definition of blindness adopted here is that proposed by Trauseau, that is to say, inability to count fingers held up at a distance of one meter.

TABLE XIV. — YEARLY PERCENTAGE OF BLINDNESS AMONG OPHTHALMIC  
HOSPITALS PATIENTS SINCE THE YEAR 1909.

YEAR	Percentage of Blindness in one or both Eyes, including Cataract Cases	Percentage of Blindness in one or both Eyes, excluding Cataract Cases	YEAR	Percentage of Blindness in one or both Eyes, including Cataract Cases	Percentage of Blindness in one or both Eyes, excluding Cataract Cases
1909	15.6	—	1924	10.8	—
1910	17.4	—	1925	10.4	—
1911	19.2	—	1926	10.1	—
1912	15.2	—	1927	9.8	—
1913	14.8	—	1928	9.3	—
1914	13.0	—	1929	8.4	—
1915	12.0	—	1930	8.4	—
1916	11.2	—	1931	7.3	6.9
1917	13.9	—	1932	6.9	6.5
1918	14.6	—	1933	6.7	6.4
1919	15.3	—	1934	6.2	5.9
1920	13.8	—	1935	6.0	5.7
1921	12.2	—	1936	5.8	5.5
1922	11.8	—	1937	5.8	5.5
1923	11.2	—			

*N.B.* — The definition of blindness adopted here is that proposed by Trousseau that is to say, inability to count fingers held up at a distance of one meter.

TABLE XV.— PRIMARY GLAUCOMA.

Acute . . . . .	216
Sub-acute . . . . .	656
Chronic . . . . .	7823
TOTAL . . . . .	8695
Total number of patients examined. . . . .	1225665
Percent of Glaucoma cases . . . . .	*75
Percent of absolute glaucoma. . . . .	*35
Operations	
Iridectomy. . . . .	1473
Trephining with iridectomy . . . . .	1231

\* Including 4308 absolute monocular and binocular

TABLE XVI.— INCIDENCE OF PRIMARY GLAUCOMA SINCE 1925.

Varieties	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937
Acute . . . . .	30	32	56	37	53	50	82	36	102	66	147	199	216
Subacute . . . . .	144	184	168	326	261	295	183	202	288	352	454	540	656
Chronic . . . . .	3087	3401	3916	4320	5050	6380	5552	6276	6223	7093	7079	6782	7823
TOTAL . . . . .	3261	3617	4140	4683	5364	6725	5817	6514	6613	7511	7680	7521	8695
Total number of patients examined . . . . .	246771	883602	361577	401530	479932	539318	652338	737990	838625	944871	1049584	1145321	1225665
Per cent of glaucoma cases . . . . .	1.32	1.27	1.14	1.16	1.12	1.25	.89	.88	.79	.79	.73	.65	.75
Per cent of absolute glaucoma cases . . . . .	.68	.76	.68	.68	.62	.70	.53	.55	.41	.42	.41	.35	.35
Operations :—													
Iridectomy . . . . .	753	668	568	877	959	1101	1030	981	1719	1865	1593	1666	1473
Trephining with iridectomy . . . . .	991	1073	954	1190	1196	1144	1093	1107	1332	1295	1295	1182	1231

\* Including absolute monocular and binocular.



TABLE XVII.—PATHOLOGICAL REPORT

(Kindly supplied by the Director of the Memorial Ophthalmic Laboratory, Giza)

Tissues hardened, sections cut and examined microscopically during 1937.

<i>Lids :—</i>	
Inflammation . . . . .	10
Tumours :	
Benign including Cysts . . . . .	91
Malignant . . . . .	31
<i>Conjunctiva :—</i>	
Inflammation . . . . .	61
Degeneration . . . . .	28
Tumours :	
Benign including Cysts . . . . .	61
Malignant . . . . .	3
<i>Limbus :—</i>	
Tumours :	
Benign including Cysts . . . . .	40
Malignant . . . . .	15
<i>Cornea :—</i>	
Wounds . . . . .	11
Inflammation including Ulceration . . . . .	11
<i>Iris and Ciliary Body :—</i>	
Inflammation . . . . .	—
Degeneration . . . . .	1
Tumours :	
Benign including Cysts . . . . .	1
<i>Retina :—</i>	
Tumours :	
Malignant . . . . .	14
<i>Orbit :—</i>	
Inflammation . . . . .	1
Tumour :	
Benign including Cysts . . . . .	—
Malignant . . . . .	2
<i>Lacrimal Glands :—</i>	
Inflammation . . . . .	4
Tumours :	
Benign . . . . .	2
Malignant . . . . .	1
<i>Lacrimal Sac :—</i>	
Inflammation . . . . .	41







TABLE XX.—NUMBER OF BEDS AT ALL OPHTHALMIC HOSPITALS (*contd.*)

Hospitals	First	Second	Third
Baliana . . . . .	—	—	8
Quotus . . . . .	—	—	8
Shubra Kheit . . . . .	—	—	8
Akhmeem . . . . .	—	—	8
Naga Hammadi . . . . .	—	—	11
Biba . . . . .	—	—	10
Kafr El Dawar . . . . .	—	—	8
Dishna . . . . .	—	—	8
El Badari . . . . .	—	—	8
TOTAL . . . . .	5	8	1734

TABLE XXI.—COST OF UNIFORM DIETS FOR THE IN-PATIENTS OF THE OPHTHALMIC HOSPITALS DURING 1937, EXCLUDING COST OF RATIONS FOR EMPLOYEES

Hospital (1)	Number of Diets Issued	Total Cost (2)	Cost per Head per day
		L.E.	Mills.
Beni Suef . . . . .	2277	375	16.5
Shebin El Kom . . . . .	11725	217	18.5
Quena . . . . .	12670	246	19.0
Mansoura . . . . .	26131	501	19.1
Damanhour . . . . .	11446	235	20.5
Sohag . . . . .	11697	242	20.7
Rod El Farag . . . . .	57205	1193	20.8
No. 6. T.O.H. . . . .	8215	172	20.9
No. 12. T.O.H. . . . .	8970	189	21.0
Assiut . . . . .	26862	557	21.1
No. 1. Citadle . . . . .	17202	365	21.2
Benha . . . . .	24073	511	21.2
Zagazig . . . . .	16464	352	21.4
Minia . . . . .	11008	236	21.4
Port Said . . . . .	20079	437	21.7
No. 11, T.O.H. . . . .	7600	167	21.9
Guiza . . . . .	40638	908	22.3
Maghagha . . . . .	7598	170	22.4
Daquahliya P.C.T.O.H. . . . .	3333	441	22.5
Tanta . . . . .	18705	421	22.5
No. 9. T.O.H. . . . .	8667	197	22.7
No. 5. T.O.H. . . . .	8356	190	23.4
Samalout . . . . .	10111	242	23.9
No. 2. T.O.H. . . . .	10155	248	24.4
No. 10. „ . . . .	8338	210	25.1
No. 3. „ . . . .	7695	194	25.2
No. 4. „ . . . .	8005	203	25.3
No. 7. „ . . . .	8682	220	25.3
El Matariya . . . . .	8860	231	26.0
El Fayume . . . . .	6994	182	26.0
No. 8, T.O.H. . . . .	8243	226	27.2
El Mahalla El Kubra . . . . .	3585	145	27.3
Idfina . . . . .	12107	337	27.8
TOTAL . . . . .	474191	10775	22.7

(1) Excluding Ophthalmic Branches Hospitals.

(2) Fuel excluding.

(3) Diets were bought locally.

SCALE OF FULL DIET AS GIVEN TO EVERY IN-PATIENT AT ALL OPHTHALMIC HOSPITALS,

	Grammes
Bread . . . . .	600
Beef . . . . .	150
Vegetables . . . . .	150
Lentil . . . . .	75
Rice . . . . .	75
Milk . . . . .	200
Sugar . . . . .	30
Native butter (Samna Baladi) . . . . .	15
Salt . . . . .	20

TABLE XXII.—SOURCES OF PROVISION OF OPHTHALMIC HOSPITALS.

HOSPITALS	Date at which opened	Government Grant	Public Subscribiton or Private Charity	Grant of Provincial Councils or Municipalities
		L.E.	L.E.	L.E.
No. 1 Travelling retained at Cairo for Provision of clinical facilities for teaching	1904	—	1000	—
No. 2 Travelling	1905	—	1000	—
Tanta . . . . .	1908	8436	—	—
Assiout . . . . .	1911	8817 and Site	5004	—
Mansoura . . . . .	1912	—	5000	—
Beni Suef . . . . .	1912	—	4000	—
Assiout Travelling . . . . .	1912	—	—	720
Zagazig . . . . .	1913	—	—	4288
Mahalla El Kubra . . . . .	1913	—	—	2400
Kafr El Zayat . . . . .	1913	—	—	2200
Daqahlia Travelling . . . . .	1913	—	—	720
Damanhour . . . . .	1914	—	—	5000
Shibin El Kôm . . . . .	1914	—	5433	—
Sohag . . . . .	1914	960	4000	—
Minya . . . . .	1915	—	—	5500
Santa . . . . .	1915	—	—	2600
Fayoum . . . . .	1916	Site	—	4000
No. 3 Travelling . . . . .	1918	—	—	1500
Benha . . . . .	1920	—	14000	—
Alexandria (Oph. Branch)	1920	Annexed to General Hospital	—	—
Port Said . . . . .	1921	18620	—	1000
Qena . . . . .	1923	—	12400	2800
Damietta (Oph. Branch)	1923	( 1000	240	—
Fouad 1 Oph. H. Giza	1924	( Annexed to General Hospital	—	—
Suez (Oph. Branch) . . . . .	1924	3000 and Site	8668	600
No. 4 Travelling . . . . .	1925	Annexed to General Hospital	—	—
No. 5 " . . . . .	1925	2000	—	—
Menouf . . . . .	1925	2000	—	—
Ashmoun . . . . .	1925	—	—	950
Memorial Ophthalmic. Laboratory, Giza . . . . .	1925	2000	6600	—
Barrim (Oph. Branch) (1)	1926	Annexed to General Hospital	—	—
Mallawi " " . . . . .	1926	" " " "	—	—
No. 6 Travelling . . . . .	1927	2280	—	—
No. 7 " . . . . .	1927	2280	—	—
Mit Ghamr (Oph. Branch)	1927	Annexed to General Hospital	—	—
Gharbiya Travelling . . . . .	1927	—	—	1500
Maghagha . . . . .	1927	—	1000	5000
No. 8 Travelling . . . . .	1928	2500	—	—
No. 9 " . . . . .	1928	2500	—	—
No. 10 " . . . . .	1928	2500	—	—

TABLE XXII.—SOURCES OF PROVISION OF OPHTHALMIC HOSPITAL (*Contd.*)

HOSPITAL	Date at which opened	Government Grant	Public Subscription or private Charity	Grant of Provincial Councils or Municipalities
	L.E.	L.E.	L.E.	L.E.
Fikria (Oph. Branch) .	1928	Annexed to General Hospital		
No. 11 Travelling .	1928	2500	—	—
Asswan (Oph. Branch)	1929	6450 and annexed to General Hospital		
Princess Fawkiya (Oph. Hosp.) Rod el Farag	1929	25000	—	—
Taieba (Oph. Branch).	1929	Annexed to General Hospital		
Esna (Oph. Branch) .	1929	«	«	«
Disouk (Oph. Branch).	1930	«	«	«
Demerdash (Oph. Branch)	1931	«	«	«
Luxor (Oph. Branch).	1931	«	«	«
Matariya . . . . .	1931	11000	—	Site
Rasheed (Oph. Branch)	1932	Annexed to General Hospital		
Fakous « «	1932	«	«	«
Girga « «	1932	«	«	«
Dilingat « «	1933	«	«	«
Saff « «	1933	«	«	«
Edfou « «	1933	«	«	«
Zifta . . . . .	1933	—	Site, building and furnitur	
No. 12 Travelling .	1933	2500	—	—
Fowa . . . . .	1933	—	—	1380
Edfina. . . . .	1934	1650 Site and Building from the Royal Wakfs		
Tala . . . . .	1934	Annexed to General Hospital		
Sherbin (Oph. Branch)	1934	«	«	«
Senbellawain (Op. Branch)	1934	«	«	«
Samalout . . . . .	1934	—	—	5447 & Site
Wasta (Oph. Branch)	1934	«	«	500
Dayrout « «	1934	«	«	«
Shebin el qenater .	1935	Annexed to General Hospital		
Bilbais . . . . .	1935	«	«	500
Fashn . . . . .	1935	«	«	500
Baliana . . . . .	1935	«	«	«
Qous . . . . .	1935	«	«	«
Akhmeim . . . . .	1936	«	«	«
Shubra Kheit . . . .	1936	«	«	«
Kom Hamada . . . .	1936	«	«	«
Biba . . . . .	1936	«	«	«
Kafr El Dawar . . .	1937	«	«	«
Dishna . . . . .	1937	«	«	«
El Badari . . . . .	1937	«	«	«
Samannoud. . . . .	1937	«	«	«
No. 13 Travelling. O. H.	1937	2500	—	—
TOTAL. .		110520	68334	49553

TABLE XXIII.—ACTUAL EXPENDITURE 1937. (A) GENERAL ADMINISTRATION

Chapter	Expenditure
	L.E.
Pensionable Staff . . . . .	7153
Hors Cadre Staff . . . . .	378
Transport, transfer and travelling allowance . . . . .	554
Telephones . . . . .	—
Telegrams . . . . .	—
TOTAL . . . . .	8085





TABLE XXV.— EXPENDITURE 1937.— GOVERNMENT OPHTHALMIC  
HOSPITALS (per Unit) (*cont.*).

Hospitals	L.E
Rod El Farag . . . . .	8555
Mataria . . . . .	1162
Alexandria Branch & School . . . . .	1712
Damietta Branch . . . . .	858
Suez Branch . . . . .	736
Kom Hamada Branch . . . . .	461
Mallawi Branch . . . . .	484
Mit Ghamr Branch . . . . .	692
Fekria Branch . . . . .	625
Asswan Branch . . . . .	745
Taieba Branch . . . . .	471
Desouk Branch . . . . .	531
Esna Branch . . . . .	425
Demerdash Branch . . . . .	472
Luxor Branch . . . . .	490
Rasheed Branch . . . . .	338
Faqous Branch . . . . .	562
Girga Branch . . . . .	471
Saff Branch . . . . .	533
Delingat Branch . . . . .	412
Edfou Branch . . . . .	405
Sherbin Branch . . . . .	453
Senbellawain Branch . . . . .	605
Wasta Branch . . . . .	436
Dayrout Branch . . . . .	674
Shebin El Kanater Branch . . . . .	427
Baliana Branch . . . . .	474
Qous Branch . . . . .	413
Akhmeem Branch . . . . .	497
Shubra Kheet Branch . . . . .	540
Naga Hamadi Branch . . . . .	484
Beba Branch . . . . .	410
Kafr El Dawar Branch . . . . .	98
El Badari Branch . . . . .	26
Dishna Branch . . . . .	52
Samannoud Branch . . . . .	71
TOTAL . . . . .	87267

*N.B.*—Expenditure of Ophthalmic Branches does not include Stores which form part of General Hospitals Expenditures.

TABLE XXVI.— ACTUAL EXPENDITURE 1937.— PROVINCIAL COUNCIL  
OPHTHALMIC HOSPITALS (Per Unit)

	L.E
<i>Ghârbiya Provincial Council :—</i>	
Mahalla el Kubra . . . . .	845
Kafr el Zaiyat . . . . .	656
Santa . . . . .	753
Fowa . . . . .	399
Zifta . . . . .	406
<i>Assiout Provincial Council :—</i>	
Travelling Hospital . . . . .	525
<i>Menufiya Provincial Council :—</i>	
Menuf . . . . .	539
Ashmun . . . . .	504
Tala . . . . .	552
<i>Sharqiya Provincial Council :—</i>	
Belbais . . . . .	697
<i>Minia Provincial Council :—</i>	
Fashn . . . . .	604
<i>Daqahlia Provincial Council :—</i>	
Travelling Hospital . . . . .	873
TOTAL . . . . .	7353

TABLE XXVII.— COMPARISON OF THE COST OF MAINTENANCE OF A PERMANENT  
OPHTHALMIC HOSPITAL IN 1914 AND 1937.

	Number	1914	TOTAL	Number	1937	TOTAL
		L.E.	L. E.		L.E.	L.E.
Art. 1— <i>Salaries, Wages, and allowances :—</i>						
A.—Pensionable Staff :						
Medical Officer . . . . .	2	336	396	2	420	492
Clerk . . . . .	1	60		1	72	
	3			3		
B.—Hors Cadre Staff :						
Moawin . . . . .	1	48	276	1	60	378
Chief attendant . . . . .	1	36		2	72	
Attendants (Male) . . . . .	2	42		2	48	
(Female) . . . . .	2	36		2	36	
Cook . . . . .	1	24		1	42	
Saii . . . . .	1	18		1	24	
Gardener . . . . .	—	—		1	24	
Boab . . . . .	1	18		1	24	
Subordinate staff . . . . .	3	54		2	48	
	12				13	
C.—Allowances . . . . .		72	72			
Art. 2.— <i>Transport, Transfer and Travelling Allowance :—</i>						
Transport. . . . .	}	50	50		66	66
Transfer . . . . .						
Travelling allowance . . . . .						
Art. 3. <i>Food.</i> . . . . .		—	139		—	261
Art. 5.— <i>Rent, Water, Lighting etc. :—</i>						
Water . . . . .		30	102		40	115
Lighting . . . . .		40			40	
Fuel. . . . .		20			30	
Sewage . . . . .		12			5	
Art. 6.— <i>Books and periodicals</i> . . . . .			1			1
Art. 7.— <i>Telegrams &amp; Telephones :—</i>						
Telegrams . . . . .	}	9	9		10	10
Telephones . . . . .						
Art. 8.— <i>Petty Expenses.</i> . . . . .			12			4
Art. 11.— <i>Stores</i> . . . . .			300			306
TOTAL . . . . .			1,357			1,633

(1) No special Grant for Ophthalmic Hospitals but the Grants are for whole Ministry.



## **Statistic of Ophthalmic Treatment in Schools 1937-1938**

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Ophthalmic Treatment has been carried out to the Primary Government Schools of Tanta, Assiut Mansoura, Beni Suef, Zagazig, Damanhour, Shebin El Kom, Sohag, Miniya, Fayoum, Giza, Benha, (Moharram Bey, Ras El Tin and Karmous at Alexandria), (Abbassia, Mohamed Ali, Munira, Mohammadia, Gamalia, Abbass, Bab El Shaaria, Abdin, Qerabiya, Shubra, Nasria, Nahhassin, Zaher, Amir Farouq, Khalil Agha, El Sheikh Saleh, At Cairo), Qena, Port Said, Damietta, Suez, Aswan. Esna and Samalout.

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TABLE I (a).—CONDITION OF CONJUNCTIVA (Beginning of the Year)

School	No Trachoma	Trachoma				Total
		I	II	III	IV	
Tanta . . . . .	8	83	66	280	48	485
Per cent. . . . .	1.6	17.50	13.60	57.5	9.8	
Assiout . . . . .	—	18	87	43	143	291
Per cent. . . . .	—	6.5	29.50	14.5	49.50	
Mansoura . . . . .	3	258	75	206	120	662
Per cent. . . . .	.45	38.95	11.35	33	18.23	
Beni Suef . . . . .	2	15	68	75	177	337
Per cent. . . . .	.50	4	20.5	22.5	52.5	
Zagazig . . . . .	3	87	87	61	40	278
Per cent. . . . .	1	31.50	31.50	21.5	14.50	
Damanhour . . . . .	9	65	30	108	75	287
Per cent. . . . .	3.50	22.50	10	37.5	26.50	
Shebin El Kom . . . . .	—	16	90	86	78	270
Per cent. . . . .	—	5.9	33.6	31.5	28.8	
Sohag . . . . .	2	28	16	142	138	326
Per cent. . . . .	.7	8.5	4.8	43.5	42.50	
Minya . . . . .	—	39	73	54	183	349
Per cent. . . . .	—	11.5	20.6	15.4	52.5	
Fayoum . . . . .	—	5	22	82	78	187
Per cent. . . . .	—	2.6	11.5	43.5	41.4	
Giza . . . . .	—	40	22	163	201	426
Per cent. . . . .	—	9.3	5.1	38.3	47.3	
Benha . . . . .	4	14	37	44	80	179
Per cent. . . . .	2.50	7.7	20.6	24.5	44.6	
Moharram Bey . . . . .	—	24	14	8	124	170
Per cent. . . . .	—	14.20	8.2	4.70	72.90	
Abbassia . . . . .	18	282	59	124	120	603
Per cent. . . . .	.4	48	9.5	21	17.5	
Mohammed Ali . . . . .	2	93	43	116	239	493
Per cent. . . . .	.4	19	8.4	24	48.2	
Munira . . . . .	6	302	52	84	71	515
Per cent. . . . .	1.2	58.6	10	16.4	13.8	
Ras El Tin . . . . .	—	45	5	7	268	325
Per cent. . . . .	—	13.8	1.56	2	82.64	
Karmous . . . . .	—	22	13	9	112	156
Per cent. . . . .	—	14.3	8.3	5.70	71.7	
Mohammdiya . . . . .	9	90	85	90	207	481
Per cent. . . . .	1.8	18.5	17.50	18.5	43.6	
Gamaliya . . . . .	—	29	10	43	160	242
Per cent. . . . .	—	11.9	4.7	17.5	66.5	
Abbas . . . . .	2	28	24	89	210	352
Per cent. . . . .	.6	7.9	6.80	25.5	59.2	
Bab El Shaariya . . . . .	3	95	20	77	68	263
Per cent. . . . .	1.1	36.1	7.6	29.4	25.8	
Shubra . . . . .	5	152	154	407	70	788
Per cent. . . . .	.7	19	20.3	51.5	8.5	
Abdin . . . . .	—	148	29	91	147	415
Per cent. . . . .	—	35.8	6.9	21.6	35.7	
Qerabiya . . . . .	—	125	19	42	76	262
Per cent. . . . .	—	47	7.5	16	29.5	
Nasriya . . . . .	3	57	10	8	21	99
Per cent. . . . .	.3	57.5	10.2	8	21.3	
Nahhassin . . . . .	—	16	5	28	78	127
Per cent. . . . .	—	12.8	3.9	22.8	60.5	
Qena . . . . .	—	71	166	47	17	301
Per cent. . . . .	—	23.4	55.5	15.5	5.6	
Port Said . . . . .	1	122	68	69	41	301
Per cent. . . . .	.5	40.5	22.7	22.5	13.8	
Damietta . . . . .	4	33	23	47	131	238
Per cent. . . . .	7.5	13.5	9.5	19.5	56	
Suez . . . . .	4	33	23	47	131	238
Per cent. . . . .	7.5	13.5	9.5	19.5	65	
Asswan . . . . .	—	30	19	53	66	158

TABLE I (a).—CONDITION OF CONJUNCTIVA (Beginning of the Year) (Cont.)

School	No Trachoma	Trachoma				Total
		I	II	III	IV	
Per cent. .	—	18.9	12	33.6	35.5	
Esna . . . . .	—	32	36	81	17	166
Per cent. .	—	19.5	21.5	48.5	10.5	
zاهر . . . . .	5	191	32	59	16	303
Per cent. .	1.6	63	10.5	19.5	5.4	
Amir Farouk . . . . .	—	130	137	170	33	470
Per cent. .	—	27.2	29.4	36.3	7.1	
Khalil Agha . . . . .	6	130	44	58	18	256
Per cent. .	2.3	50.4	17.27	28	7.53	
El Sheikh Saleh . . . . .	1	34	37	45	50	167
Per cent. .	.5	20.9	32.2	26.5	29.9	
Samalout . . . . .	—	37	89	48	1	175
Per cent. .	—	21.5	50.5	27.5	1.50	
Total . . . . .	99	3073	1885	3240	3778	12075
Per cent. .	.82	25.44	15.61	26.8	31.33	

TABLE I (b). — CONDITION OF CONJUNCTIVA (End of the year)

School	No Trachoma	Trachoma				Total
		I	II	III	IV	
Tanta . . . . .	7	24	5	372	64	472
Per cent. .	1.60	5.0	1.4	78.6	13.4	
Assiout . . . . .	—	2	5	75	190	272
Per cent. .	—	.73	3.65	25.37	69.30	
Mansoura . . . . .	3	100	—	357	166	626
Per cent. .	49	15.90	—	57	26.61	
Beny Suef . . . . .	2	6	2	95	219	324
Per cent. .	.60	1.80	.60	29.50	67.50	
Zagazig . . . . .	1	28	1	108	125	263
Per cent. .	.30	10.4	36	4.50	47.50	
Damanhour . . . . .	9	1	42	155	80	287
Per cent. .	3.1	.30	14.50	54	28.1	
Shebin El Kom . . . . .	—	1	4	146	105	256
Per cent. .	—	.30	1.20	57	41.50	
Sohag . . . . .	1	5	1	133	161	301
Per cent. .	.32	1.52	32	44	53.84	
Minia . . . . .	—	10	5	68	193	276
Per cent. .	—	3.9	1.80	24.70	69.60	
Fayoum . . . . .	1	—	—	78	104	183
Per cent. .	.50	—	—	42.50	57	
Giza . . . . .	—	—	—	155	239	394
Per cent. .	—	—	—	39.50	60.50	
Benha . . . . .	3	1	1	76	98	179
Per cent. .	1.60	.5	.5	42.60	54.80	
Moharram Bey . . . . .	—	7	1	14	138	160
Per cent. .	—	4.4	.60	8.80	86.20	
Abbassia . . . . .	11	264	6	164	131	576
Per cent. .	1.82	45.80	1.4	28.34	23	
Mohammed Aly. . . . .	2	93	43	116	239	493
Per cent. .	.3)	19	8.70	23	49	
Munira . . . . .	5	286	8	115	51	465
Per cent. .	1.09	61.55	1.72	24.72	10.92	
Ras El Tin . . . . .	—	18	—	6	297	321
Per cent. .	—	5.60	—	1.9	92.5	
Karmous . . . . .	—	4	—	15	133	152
Per cent. .	—	2.6	—	9.8	87.60	



TABLE I (b). —CONDITION OF CONJUNCTIVA (End of the year) (contd.)

School	No Trachoma	Trachoma				Total
		I	II	III	IV	
Mohammadiya . . .	7	92	63	103	206	470
Per cent. . . . .	1.50	19.60	13.8	21.50	43	
Gamaliya . . . . .	—	18	1	70	170	259
Per cent. . . . .	—	6.94	.38	27.50	65.13	
Abbass . . . . .	2	28	24	92	205	352
Per cent. . . . .	2.5	8	6.25	26.5	58.5	
Bab El Shaariya . . .	3	105	7	543	122	780
Per cent. . . . .	.3	13.81	.89	69.50	15.5	
Shubra . . . . .	3	105	56	300	184	742
Per cent. . . . .	3	25.06	7.55	40.44	24.80	
Abdin . . . . .	—	71	—	125	203	399
Per cent. . . . .	—	17.60	—	31	50.6	
Qerabiya . . . . .	—	59	—	69	125	253
Per cent. . . . .	—	23	—	27.5	49.50	
Nasriya . . . . .	3	27	1	14	49	94
Per cent. . . . .	3.1	28.7	1.30	14.8	52.1	
Nahhassin . . . . .	—	8	—	36	88	132
Per cent. . . . .	—	6.50	—	27	66.50	
Qena . . . . .	—	10	2	227	58	297
Per cent. . . . .	—	3.50	.5	76	20	
Port Said . . . . .	1	54	—	157	83	295
Per cent. . . . .	.3	18.32	—	53.2	28.11	
Damietta . . . . .	3	—	—	71	162	236
Per cent. . . . .	1.2	—	—	304	68.4	
Suez . . . . .	2	13	—	44	92	151
Per cent. . . . .	1.30	8.50	—	29.70	60.50	
Asswan . . . . .	—	22	4	72	48	146
Per cent. . . . .	—	15.50	2.70	49.30	32.5	
Esna . . . . .	—	32	—	93	40	165
Per cent. . . . .	—	19.30	6	56.50	24.2	
Daher . . . . .	4	187	1	74	31	297
Per cent. . . . .	1.34	62.98	.32	24.96	10.40	
Amir Farouk . . . . .	—	106	10	299	55	470
Per cent. . . . .	—	22.5	2.6	63.90	11	
Khalil Agha . . . . .	5	119	4	70	31	235
Per cent. . . . .	2.12	50.4	2.09	32.2	13.19	
El Sheikh Saleh . . .	—	39	16	68	44	160
Per cent. . . . .	—	20.4	10.2	42.4	27	
Samalout . . . . .	—	34	13	121	5	173
Per cent. . . . .	—	19.75	7.25	69.5	2.5	
Total . . . . .	78	1912	273	4701	4664	11628
Per cent. . . . .	.70	16.45	2.35	40.4	40.1	

TABLE II (a).—EFFECT OF TREATMENT ON SERIOUS STAGES OF TRACHOMA.

YEAR	BEGINNING OF THE YEAR			END OF THE YEAR	
	Pupils with any stage of Trachoma	Pupils with serious stage of Trachoma I and II		Pupils with serious Stage of Trachoma I and II	
	Number	Number	Per cent	Number	Per cent
1907-1908 . . . .	464	289	62.3	—	—
1914-1915 . . . .	1,553	342	22.0	61	4.0
1916-1917 . . . .	1,528	327	21.4	48	3.0
1917-1918 . . . .	1,699	282	16.6	71	4.2
1919-1920 . . . .	2,454	410	16.7	201	8.2
1920-1921 . . . .	3,363	643	19.1	290	8.6
1921-1922 . . . .	5,036	1,369	27.2	580	11.5
1922-1923 . . . .	6,140	1,982	32.3	832	14.5
1923-1924 . . . .	6,820	2,115	31.0	835	12.2
1924-1925 . . . .	7,117	2,442	34.4	722	10.2
1925-1926 . . . .	7,337	1,865	25.4	374	5.1
1926-1927 . . . .	9,053	2,160	23.9	582	6.4
1927-1928 . . . .	12,057	2,819	23.4	830	6.9
1928-1929 . . . .	11,319	2,624	23.2	722	6.4
1929-1930 . . . .	11,223	2,397	30.2	919	8.4
1930-1931 . . . .	10,793	2,893	26.8	877	8.1
1931-1932 . . . .	10,707	4,576	42.7	1,750	16.3
1932-1933 . . . .	10,331	4,034	39.1	2,090	20.2
1933-1934 . . . .	9,887	4,379	44.3	2,168	21.9
1934-1935 . . . .	10,320	4,307	41.73	2,005	20.4
1935-1936 . . . .	10,288	4,447	42.81	1,929	19.53
1936-1937 . . . .	10,634	4,507	41.89	2,039	19.86
1937-1938 . . . .	11,696	4,958	31.39	2,158	18.91

TABLE II (b).—STAGES OF TRACHOMA AT BEGINNING AND END OF SCHOOL YEAR.

STAGES OF TRACHOMA	BEGINNING OF THE YEAR		END OF THE YEAR	
	Number	Per cent	Number	Per cent
Trachoma I . . . . .	3,073	25.57	1,912	16.55
„ II . . . . .	1,884	15.70	278	2.36
„ III . . . . .	3,240	27.39	4,701	40.70
„ IV . . . . .	5,778	31.54	4,664	40.39



TABLE III (a).—TRACHOMA AND ITS RELATION TO SCHOOL YEARS (Beginning of the year)

Schools	First Year				Second Year				Third Year				Fourth Year			
	Trachoma				Trachoma				Trachoma				Trachoma			
	No Trachoma	I	II	III	IV	No Trachoma	I	II	III	IV	No Trachoma	I	II	III	IV	No Trachoma
Tanta .	3	27	19	56	9	2	35	27	59	2	3	13	12	80	6	—
Assiout .	—	7	35	4	37	—	4	24	15	30	—	5	21	9	44	—
Mansoura .	1	37	22	39	4	—	81	19	64	21	2	70	25	64	28	—
Beni Suef .	—	6	15	11	38	—	2	18	28	43	—	6	22	25	43	—
Zagazig .	—	33	28	5	2	—	26	25	11	9	3	12	22	28	16	—
Damanhour .	3	33	13	22	10	2	12	6	35	15	3	15	7	29	23	1
Shebin El Kom .	—	7	32	10	20	—	3	22	22	18	—	4	28	24	16	—
Sohag .	22	22	8	57	37	—	4	5	35	38	—	1	1	42	35	—
Minya .	—	11	17	4	5	—	17	24	11	15	—	7	15	17	70	—
Giza .	—	17	13	29	43	—	14	6	46	42	—	6	1	42	49	—
Benha .	3	5	17	11	17	1	6	9	6	18	—	1	3	17	26	—
Moharram Bey .	—	9	3	1	34	—	5	7	4	36	—	2	2	2	23	—
Abbassiya .	33	29	21	19	20	6	76	15	37	16	4	51	11	29	29	5
Mohammed Ali .	—	35	17	34	69	2	31	10	29	55	—	15	9	28	50	—
Munira .	3	95	22	16	4	3	75	13	18	14	—	68	7	26	23	—
Rass El Tin .	—	28	3	3	48	—	6	—	—	68	—	7	1	3	76	—
Karmous .	—	7	5	4	30	—	4	1	5	37	—	—	4	—	23	—
Mohammadia .	3	41	34	14	45	6	26	17	19	48	—	13	16	28	61	—
Gamaliya .	—	10	5	11	42	—	7	3	14	39	—	6	1	2	50	—
Abbas .	—	14	13	21	36	2	7	3	23	64	—	5	4	21	61	—
Bab El Shaaria .	2	31	8	17	11	—	24	6	12	14	—	21	2	24	26	1
Shubra .	2	109	53	21	3	—	22	42	28	9	2	9	36	150	31	1
Abdin .	—	48	12	10	28	—	45	7	25	34	—	29	5	28	45	—
Qerabiya .	—	47	9	3	7	—	23	3	11	17	—	18	5	14	29	—
Nasria .	1	14	4	1	1	1	11	—	—	3	1	16	5	6	8	—
Nahhassin .	—	6	2	4	12	—	5	1	7	19	—	4	1	8	15	—
Qena .	—	14	62	16	3	—	25	55	9	2	—	19	34	8	5	—
Port Said .	—	32	26	25	2	1	47	15	17	9	—	29	9	17	12	—
Damietta .	4	27	7	4	13	—	5	8	14	41	—	—	5	16	45	—
Suez .	2	21	10	—	2	1	32	6	2	7	—	17	4	6	10	—
Aswan .	—	10	6	10	7	—	17	7	15	10	—	—	4	18	20	—
Esna .	—	18	13	17	3	—	5	10	18	7	—	7	6	22	4	—
Zaher .	3	54	12	6	1	1	36	5	17	1	—	50	8	17	9	—
Amir Farouq .	—	44	50	21	—	—	26	40	46	5	—	35	30	51	13	85
Fayoum .	—	—	7	18	20	—	3	6	16	12	—	1	7	25	21	—
Khalil Agha .	4	50	16	12	3	—	27	10	15	8	—	25	5	25	3	—
Sheikh Saleh .	—	10	11	6	10	—	7	12	15	7	—	28	8	15	13	—
Samalout .	—	6	20	8	—	—	8	26	8	—	—	10	15	9	20	—
Total	39	1094	670	650	689	28	809	513	762	843	19	615	409	973	1062	13
												555	293	855		12075



TABLE III (b).--COMPARISON OF SERIOUS STAGES OF TRACHOMA I and II  
(Beginning of the Year)

Class	Total Number of Pupils	Total Number of Serious Stages of Tra- choma I and II	Per cent
First Year . . . . .	3142	1764	56,13
Second Year . . . . .	2955	1322	44,73
Third Year . . . . .	3078	1024	33,26
Fourth Year . . . . .	2900	848	29,21
Total . . . . .	12075	4958	41,06

TABLE IV.—VISION OF ALL PUPILS WITHOUT SPECTACLES

	Total	Grand Total	Per cent
<i>Good Vision :—</i>			
(a) Normal vision in each eye 6/6 and 6/6 . . . . .	3138	7188	59,52
(b) Vision 6/6 and 6/9 or 6/9 and 6/9 . . . . .	4005		
<i>Fair Vision :—</i>			
(a) Vision 6/6 and 6/12, or 6/9 and 6/12 or 6/12 and 6/12	2262	2558	21,19
(b) Vision 6/6 and 6/18 . . . . .	296		
<i>Bad Vision :—</i>			
Fails to attain any of the above standards . . . . .	2329	2329	19,29
Total . . . . .		12075	

TABLE V.—SPECTACLES ORDERED

Schools	Number of pupils now attending obtained spectacles in previous years	Number of pupils now attending obtained spectacles this year	Number of pupils now attending ordered spectacles but not yet obtained	Total	Spectacles on order or under repair	Number of pupils wearing spectacles on date of final inspection	Number of pupils not wearing spectacles which were previously ordered
Tanta . . . . .	6	1	—	7	—	7	—
Assiout . . . . .	1	2	—	3	1	2	—
Mansoura . . . . .	15	1	—	22	—	21	—
Beni Suef . . . . .	16	3	—	19	3	16	—
Zagazig . . . . .	7	5	—	12	5	7	—
Damanhour . . . . .	4	2	—	6	—	6	—
Shebin El Kom . . . . .	10	10	—	20	—	20	—
Souhag . . . . .	23	4	—	27	2	25	—
Minia . . . . .	8	3	—	11	—	11	—
Fayoum . . . . .	20	1	—	21	—	21	—
Giza . . . . .	9	1	—	10	—	10	—
Banha . . . . .	8	5	—	13	—	13	—
Moharram Bey . . . . .	1	—	—	1	—	11	—
Ras El Tin . . . . .	15	4	—	19	2	12	—
Karmous . . . . .	6	3	—	9	1	8	—
Abbasiya . . . . .	9	5	—	14	5	9	—
Mohammed Ali . . . . .	8	11	—	19	—	19	—
Munira . . . . .	16	—	—	16	—	16	—
Mohammadiya . . . . .	7	5	—	12	5	7	—
Gamaliya . . . . .	9	4	—	13	—	13	—
Nahassin . . . . .	2	10	—	12	2	10	—
Abbas . . . . .	10	10	—	20	—	20	—
Bab El Shaariya . . . . .	11	5	—	16	—	16	—
Shubra . . . . .	22	4	—	26	—	26	—
Abdin . . . . .	8	5	—	13	5	8	—
Qerabiya . . . . .	5	3	—	8	3	4	—
Nasriya . . . . .	3	—	—	3	1	1	1
Zaher . . . . .	3	7	—	10	7	3	1
Amir farouk . . . . .	19	9	—	28	1	17	—
Qena . . . . .	12	8	—	20	—	20	—
Port Said . . . . .	18	1	—	19	—	18	—
Damietta . . . . .	10	4	—	14	—	14	1
Suez . . . . .	5	3	—	8	3	5	—
Asswan . . . . .	9	1	—	10	—	9	—
Esna . . . . .	24	—	—	24	—	24	1
Khalil Agha . . . . .	7	8	—	15	4	11	—
El Sheikh Saleh . . . . .	4	16	—	20	—	20	—
Samalout . . . . .	—	3	—	3	3	—	—
Total . . . . .	365	173	—	538	53	481	4

TABLE VI.—NUMBER OF PUPILS ORDERED SPECTACLES NOT GREATER IN STRENGTH THAN  $\pm 6$  DIOPTERS AND BY THEIR USE GOT GOOD OR FAIR VISION.

	Total	Grand Total	Per cent
<i>Good Vision :—</i>			
(a) Normal vision in each eye 6/6 and 6/6 . . . . .	52		
(b) Vision 6/6 and 6/9, or 6/9 and 6/9, or 6/9 and 6/9 . . . . .	102	154	28.62
<i>Fair Vision :—</i>			
(a) Vision 6/6 and 6/12, or 6/9 and 6/12, or 6/12 and 6/12 . . . . .	129		
(b) Vision 6/6 and 6/18 . . . . .	33	162	30.11

TABLE VII.—CONDITION OF CORNEA BEFORE TREATMENT

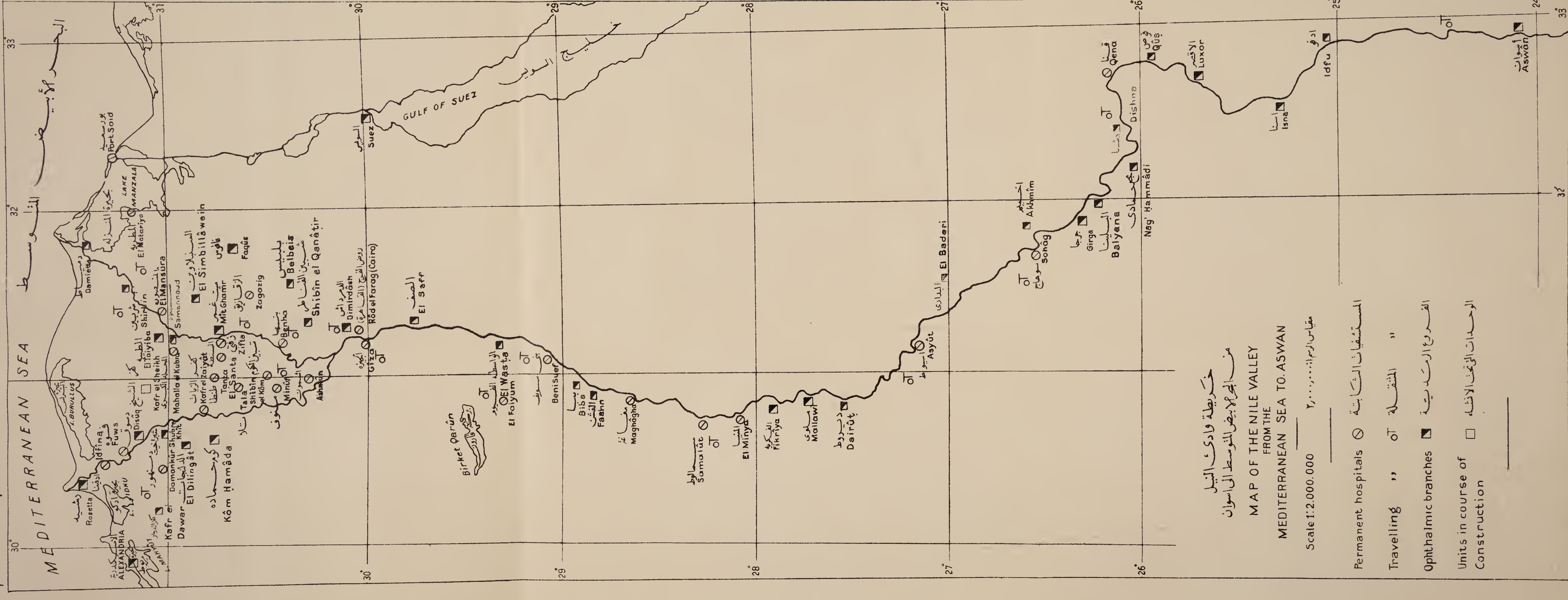
Schools	Both Corneas Clear	One Cornea Clear, the other showing Opacity	Opacity of both Corneas
Tanta . . . . .	464	15	6
Assiout . . . . .	261	20	10
Mansoura . . . . .	641	19	2
Beni Suef . . . . .	314	15	9
Zagazig . . . . .	268	7	3
Damanhour . . . . .	282	4	1
Shebin El Kom . . . . .	247	15	8
Sohag . . . . .	317	5	4
Minia . . . . .	338	11	—
Fayoum . . . . .	182	5	—
Giza . . . . .	422	4	—
Banha . . . . .	168	6	5
Moharram Bey . . . . .	170	—	—
Ras El Tin . . . . .	323	2	—
Karmouz . . . . .	154	2	—
Abbassia . . . . .	595	7	1
Mohamed Ali . . . . .	486	7	—
Abbas . . . . .	347	4	1
Shubra . . . . .	782	4	2
Bab El Shaaria . . . . .	256	5	2
Gamaliya . . . . .	238	24	—
Nahhassin . . . . .	120	6	1
Nasriya . . . . .	98	1	—
Munira . . . . .	510	5	—
Abdin . . . . .	413	2	—
Qerabiya . . . . .	255	5	2
Mohammadiya . . . . .	471	7	3
Zaher . . . . .	300	3	—
Amir Farouk . . . . .	455	13	2
Port Said . . . . .	298	1	2
Qena . . . . .	261	33	7
Damietta . . . . .	225	12	1
Suez . . . . .	165	7	1
Asswan . . . . .	150	6	2
Esna . . . . .	154	6	6
Khalil Agha . . . . .	253	1	2
El Sheikh Saleh . . . . .	162	5	2
Samalout . . . . .	148	18	9
Total . . . . .	11693	282	91
Per cent . . . . .	96.98	2.33	0.69

TABLE VIII.—COMPARISON OF CORNEAL OPACITY AMONG PUPILS OF TANTA PRIMARY SCHOOL  
IN THE YEARS 1914-1915 AND 1937-1938

Years	Both Corneas Clear	One Cornea Clear, the Other showing Opacity	Opacity of both Corneas
1914-1915 . . . . .	173	54	33
1937-1938 . . . . .	464	15	6





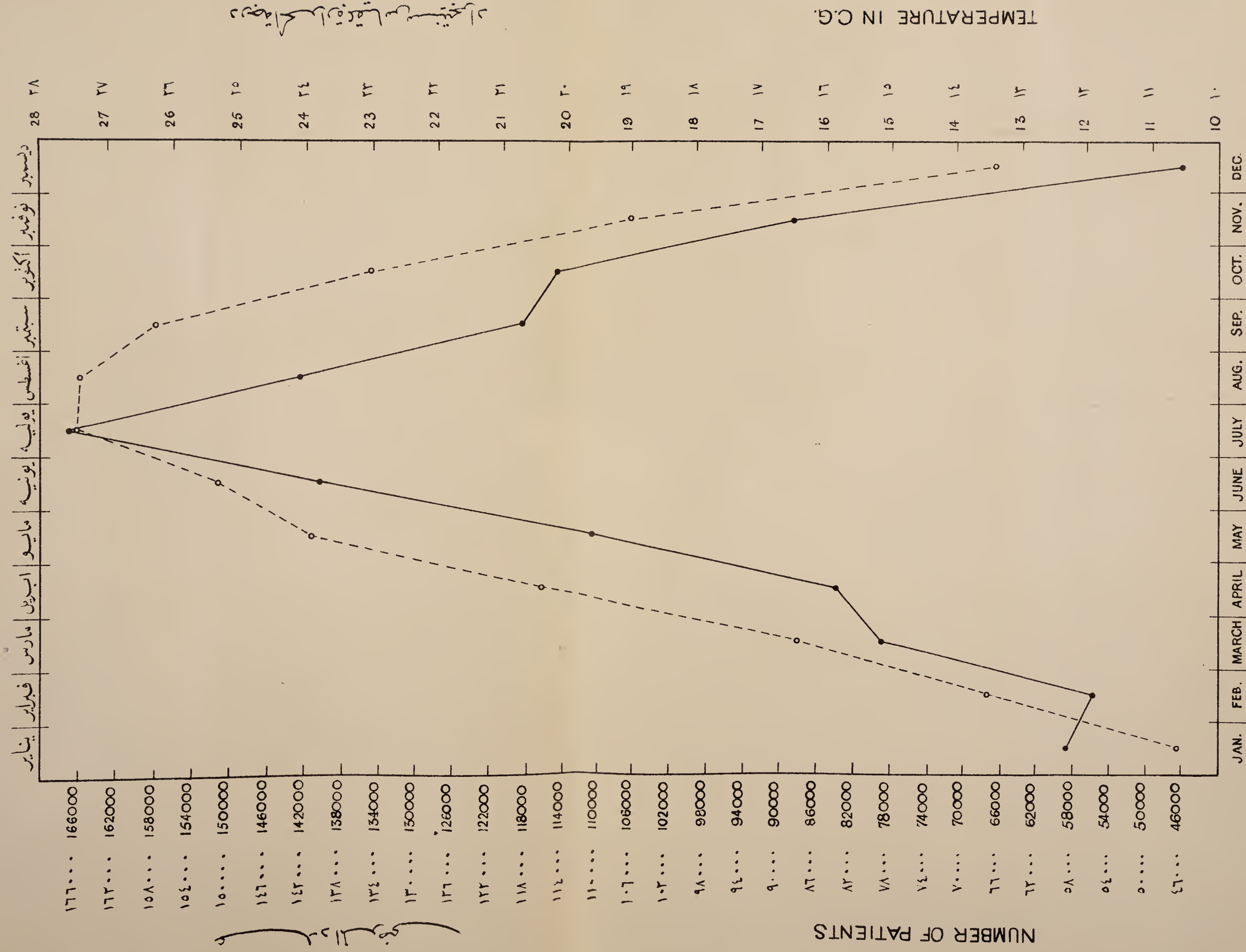






الطقس وعدد المرضى الذين عولجوا سنة ١٩٣٧

TEMPERATURE AND NUMBER OF PATIENTS TREATED IN 1937



NEW PATIENTS TREATED PER MONTH

AVERAGE TEMPERATURE IN CENTIGRADE







